

From aprssig@tapr.org Tue Nov 19 07:55:25 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1627 ; Tue, 19 Nov 96 07:10:36 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id IAA00641; Tue, 19 Nov 1996 08:57:15 -0600  
(CST)  
Date: Tue, 19 Nov 1996 08:57:15 -0600 (CST)  
Message-Id: <v03007803aeb77838041ca[165.1.27.20]>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6544] APRSSIG digest 773  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Content-Type: text/plain; charset="us-ascii"  
In-Reply-To: <961119044010\_71301.3106\_FHJ56-3aCompuServe.COM>  
Status: R

#### APRSSIG Digest 773

Topics covered in this issue include:

- 1) Re: Practical Applications needed  
by rbeckett@Schwab.COM
- 2) DosAPRS on a Sun 386i  
by Chris Terwilliger <zoom@willow.sps.mot.com>
- 3) Re: killer mail  
by "Steve Singhose" <ssinghose@austria-c.it.earthlink.net>
- 4) Re: WinAPRS 1.1.7  
by schiers@ames.net
- 5) Change in FTP Access on TAPR.ORG  
by "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
- 6) Re: Downloads  
by Bob Derderian <n2iph@cyberenet.net>
- 7) Re: Trimble Antenna and GPS45  
by Richard Amirault <amirault@laraby.tiac.net>
- 8) Delorme Tripmaker GPS \$125.  
by "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>
- 9) Re: 76to77e.zip  
by David/Roxanne McCarthy <davidmc@goodnet.com>

- 10) Re: 76to77e.zip  
by Cap Pennell <cap@cruzio.com>
- 11) Re: 76to77ee.zip  
by rkramer@merge1.mergetel.com (Ronald Kramer)
- 12) Re: Delorme Tripmaker GPS \$125.  
by William Nolle <wa8inz@concentric.net>
- 13) Version 7.7e EXE  
by Boyd Prestwood <w2hob@mosquito.com>
- 14) Re: METEOR SCATTER last night!  
by rwf <rwf@atl.mindspring.com>
- 15) Re: Change in FTP Access on TAPR.ORG  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 16) Re: 76to77e.zip  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 17) 77eexe  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 18) Re: Change in FTP Access on TAPR.ORG  
by rkramer@merge1.mergetel.com (Ronald Kramer)
- 19) Re: Delorme Tripmaker GPS \$125.  
by Dayglo <dayglo@radix.net>
- 20) Re: 76to77e.zip  
by Cap Pennell <cap@cruzio.com>
- 21) Delorme for APRS maps???  
by "Al and/or Lorie Z." <ldajz@epix.net>
- 22) Re: Delorme Tripmaker GPS \$125.  
by Steve Childress <stevech@pacbell.net>
- 23) Re: killer mail  
by Mike Musick <71301.3106@CompuServe.COM>
- 24) Re: Mapmaking  
by Mike Musick <71301.3106@CompuServe.COM>
- 25) FTP Server Problem  
by Mike Musick <71301.3106@CompuServe.COM>
- 26) KF0ZH  
by WB9W0Z@aol.com
- 27) AEA out of business  
by Rick Szpyrka <wb8tif@cris.com>
- 28) Scanning Maps for APRS  
by ke6nyt@fishnet.net (Dan Dicke)
- 29) Re: Scanning Maps for APRS  
by Robert Winingham <kc5ejk@onramp.net>
- 30) Re: Mouse Digitizer  
by DE001-IPA <uipdeo01@usiminas.com.br>
- 31) [Fwd: FTP Server Problem]

by Bob Derderian <n2iph@cyberenet.net>  
32) Re: Mapmaking  
by Mark Sproul <sproul@ap.org>

-----  
Date: Mon, 18 Nov 1996 09:46:41 +0000  
From: rbeckettaSchwab.COM  
To: aprssig@tapr.org  
Subject: Re: Practical Applications needed  
Message-ID: <9611181746.AA13120@sv0001dev.dev.schwab.com>

One of the uses of APRS is on board sailing vessels. We started to see it this summer and expect to see more APRS on board the Transpac - LA - Hawaii races in the future. It is also handy for informing your family where you are when you are on a cruise, for example going to Mexico.

Rich - WB6EEE

> Date: Sat, 16 Nov 1996 13:45:31 -0600 (CST)  
> Reply-to: aprssig@tapr.org  
> From: Doug Wittich <dwittich@concentric.net>  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6451] Re: Practical Applications needed

> In reply to Larry M. Keeran K9ORP  
> >If everyone (that wants to answer the APRS NWS question) briefly told what  
> >their area does, ONCE, then the rest of the WX and APRS chat can take place  
> >by direct E-Mail. I think it would make the rest of the APRSSIG happy.  
> >:-)  
>  
> I can well appreciate the sentiment of not letting one rather narrow topic  
> take over the sig, but OTOH, we've spent a lot of time here talking and  
> learning about the technology, with precious little energy being spent on  
> practical application. Of course, in order to properly apply technology to  
> provide solutions to problems, one must first understand it, but then one  
> must find ways to use it to help others. The NWS client certainly qualifies  
> as someone we can provide much help to. The other obvious ones are for the

> walk/ride/run events. But when people ask me the real value of APRS, I have  
> trouble explaining much more than these uses. I'm hoping to keep on  
> learning, though.

>

>

> Doug

>

>

>

Rich

(415) 636-8340 - work

(510) 521-1559 - Beckett & Associates Office

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Date: Mon, 18 Nov 1996 10:47:43 -0700 (MST)  
From: Chris Terwilliger <zoom@willow.sps.mot.com>  
To: aprs sig <aprssig@tapr.org>  
Subject: DosAPRS on a Sun 386i  
Message-ID: <Pine.SUN.3.91.961118104527.25753A-100000@willow>

Just for a new data point and my own amusement, I now have DosAPRS running on a Sun 386i workstation in a VGA window. Kinda neat seeing APRS running next to a UNIX csh window...

Chris, AA7WD

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Date: Mon, 18 Nov 1996 09:56:08 +0000  
From: "Steve Singhose" <ssinghose@austria-c.it.earthlink.net>  
To: aprssig@tapr.org  
Subject: Re: killer mail  
Message-ID: <199611181755.JAA28449@sweden.it.earthlink.net>

Hi:

Pegasus Mail has been reading this SIG just fine. Versions available for DOS, Windows 16 and 32 bit versions, and Mac. Makes a great corporate e-mail system. Works with many TCP/IP stacks. I

have heard "better then Eudora" by many. And best of all its FREE.

Find it at:

<http://www.pegasus.usa.com/>

Thanks.

-----  
|Steve Singhose  
|Design Engineer  
|Western Computer Consulting Group  
|Specializing in delivery of all multi-media material  
|over that LAN including full-screen, full-motion video  
|to the desktop.  
|  
|206-419-0829  
|ssinghose@earthlink.net  
|  
|WCCG home page  
<http://home.earthlink.net/~ssinghose>

-----  
Date: Mon, 18 Nov 96 15:23:04 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: WinAPRS 1.1.7  
Message-ID: <199611182124.PAA03019@tapr.org>

In <891649@bbs.ames.net>, on 11/17/96 at 01:15 PM,  
aprssig@tapr.org said:

>I have tried every thing to get it to work also. Had no success until I  
>started running window95.

I have only run it under Win95 from the very beginning. As I stated in  
prior messages, the U-2000 has worked perfectly under WinAPRS since the  
first version that purported to support the U-2000. 73,

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

-----  
  
Date: Mon, 18 Nov 1996 15:43:36 -0600  
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
To: aprssig@tapr.org  
Subject: Change in FTP Access on TAPR.ORG  
Message-ID: <v03007803aeb67de13458a[128.83.113.85]>

Several have commented on the change on the FTP site. An emergency change was implemented by Lee, N5LYT, TAPR.ORG system admin during the weekend in order to stop the illegal use of TAPR.ORG by a group of software pirates.

We had several messages end of last week noting the fact that FTP access was full all the time. Even when we upped the access to 40 users, it filled up. Upon close inspection it was determined that some 200 Megs of illegal software had been sneaked into the software\_lib/upload area. In addition, once we found this problem and removed the files, one of the pirates accessed the software\_lib/upload area and deleted all the files that had been placed there by amateurs. Easy enough to do with the permissions we had setup -- since it was setup for honest folks.

TAPR.ORG is now setup as follows for all open anonymous upload areas, which now includes the aprssig/files/upload area:

- \* No subdirs in the upload area can be created
- \* File names can only use the characters "A-Z", "a-z", ".", "-", and "\_".
- \* File names may not start with "." or "-"
- \* FTP users cannot delete, overwrite, or modify files once uploaded
- \* Files uploaded there are owned by "k9orp:aprsftp" with mode 0660.

This last statement means that anyone can still upload a file to an upload area, but no one can read the uploaded files until someone (either k9orp or any member of the aprssig ftp group) changes the permissions on the file (and hopefully moves it somewhere else).

Larry Keeran, k9orp, is now acting as full time APRS FTP library manager and we are working on getting Larry up to speed on how to access his account and move files around and generally keep the library in clean and

orderly shape. Larry has been doing this in an ad-hoc fashion for several months, but after this weekend we decided that it really needed to be done officially with an account being issued.

When you upload a file to APRS upload area, you will need to \_\_send a message\_\_ to k9orpatapr.org or the address listed in the README (which is now directed to Larry). In this way, Larry will know when files are there and can either move them or make them readable until he can move them. Also, be sure to include the .TXT file that Larry requested during the summer. This helps him and others later know that the files contains. If you have a specific area you want a file moved to, then let Larry know.

Bob B (APR) and Keith S (Z) both have access to their software dirs and should be uploading updates into those area directly. In this way, software updates should be available immediately. I'll touch base with both of them again and make sure we all have the right accounts and passwords to be doing that.

I will go ahead and change the permissions on all files currently in the aprssig/files/upload area for access. Any future files uploaded to the area will need to be changed by Larry for access after he gets an e-mail from the uploading person.

I figure Larry will post more as he get the backlog of files moved around and the files on there made readable.

Sorry for this additional security, but now that TAPR.ORG has been targeted as a system that can be used for illegal uploads like we had this weekend, Lee really had no other choice than to add these safeguards.

With this change, we have also bumped up the access for anonymous ftp to 30 users.

Cheers - Greg, WD5IVD  
Pres TAPR.

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Greg Jones, WD5IVD  
Austin, Texas  
wd5ivd@tapr.org  
<http://www.tapr.org/~wd5ivd>

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-----  
Date: Mon, 18 Nov 1996 17:14:03 -0500  
From: Bob Derderian <n2iph@cyberenet.net>  
To: aprssig@tapr.org  
Subject: Re: Downloads  
Message-ID: <3290DFAB.7667@cyberenet.net>

Sounds to me like the system administrator has changed some things in light of recent problems at the site. Your uploads are probably not accessible to anyone until reviewed by root or another su(superuser) and the file permissions are changed.

73...Bob

NNNN

-----  
Date: Mon, 18 Nov 1996 18:37:49 -0500 (EST)  
From: Richard Amirault <amirault@laraby.tiac.net>  
To: aprssig@tapr.org  
Subject: Re: Trimble Antenna and GPS45  
Message-ID: <Pine.BSF.3.91.961118183506.12517A-100000@laraby.tiac.net>

On Sun, 17 Nov 1996, Ronald Kramer wrote:

(snip)

> I just cut the coax and put a bnc crimp on connector or and away we  
> go...

Well, it's not THAT easy...unless you happen to have a \$30 crimp tool handy. I tried it without the proper tool without success. Think I might try soldering instead.

Richard Amirault  
amirault@tiac.net

N1JDU  
"Go Fly A Kite"

Boston, Massachusetts USA



-----  
Date: Mon, 18 Nov 1996 19:47:16 +0000  
From: "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>  
To: aprssig@tapr.org  
Subject: Delorme Tripmaker GPS \$125.  
Message-ID: <199611182347.SAA23531@hemisphere.neocomm.net>

The very propriotorious Delorme is offering upgrades to Streets USA Ver4 for \$25. Also the Sell a package called tripmaker that includes a GPS unit and Ver 4 Streets USA. I have been unable to contact them for info on this GPS unit to see if it sends out standard NMEA sentences or if it is more propriotry stuff. Ver 4 of Streets has many new features. You can draw on the maps, measure distances with your mouse, download maps to a pc that doesnt have a CD player. From the internet you can get WX info that will display on the map. Highway construction info is also available via internet.

Does anyone have more info on this? At \$125 Tripmaker/GPS sounds too good to be true.

Charles  
cdavidso@neocomm.net  
<http://www.neocomm.net/~cdavidso/>  
WB4PANaWB4Q0J.VA.USA.NOAM  
wb4pan@juno.com  
APRS ALDHA ATC  
Georgia>97>Main Chase

-----  
Date: Mon, 18 Nov 1996 17:20:11 -0700  
From: David/Roxanne McCarthy <davidmc@goodnet.com>  
To: aprssig@tapr.org  
Subject: Re: 76to77e.zip  
Message-ID: <3290FD5E.316B@goodnet.com>

I was able to successfully download 76to77ee.zip. Please excuse my ignorance, but what do you do with it?

--

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ

email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam  
Visit the family homepage: <http://www.goodnet.com/~davidmc/>  
"As for me and my house, we will serve the Lord." Jos 24:15

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Date: Mon, 18 Nov 1996 17:18:54 -0800  
From: Cap Pennell <cap@cruzio.com>  
To: aprssig@tapr.org  
Subject: Re: 76to77e.zip  
Message-ID: <32910AFE.DDC@cruzio.com>

I can't find the aprs77e.exe file within the 76to77ee.zip file!  
73. Cap

--

Cap Pennell  
Santa Cruz, CA, 95062-1002 3658.92N/12200.88W  
email: cap@cruzio.com homepage: <http://members.cruzio.com/~cap>  
packet radio: KE6AFE@kg6ee.#cca.ca.usa.noam

David/Roxanne McCarthy wrote:

>

> I was able to successfully download 76to77ee.zip. Please excuse my  
> ignorance, but what do you do with it?

> --

> David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ  
> email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam  
> Visit the family homepage: <http://www.goodnet.com/~davidmc/>  
> "As for me and my house, we will serve the Lord." Jos 24:15  
>  
> .-

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Date: Tue, 19 Nov 1996 02:12:16 GMT  
From: rkramer@mergetel.com (Ronald Kramer)  
To: aprssig@tapr.org  
Subject: Re: 76to77ee.zip  
Message-ID: <32a015f8.2668847891@mail.mergetel.com>

On Sun, 17 Nov 1996 17:46:35 -0600 (CST), you wrote:

>uploaded it correctly as 76to77ee.zip...

>

Bob , i just downloaded 76to77ee.zip and unzipped it  
There is NO aprs77e.exe file in the zip, Am I missing=20  
something ?

73 de Ron

Email: rkramer@mergetel.com

Packet: ve3mxave3snp

Best Regards

ve3mx@mergetel.com

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Date: Mon, 18 Nov 1996 20:13:39 -0800  
From: William Nolle <wa8inz@concentric.net>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125.  
Message-ID: <329133F3.26CD@concentric.net>

Charles W. Davidson wrote:

>

> The very propriorious Delorme is offering upgrades to Streets  
> USA Ver4 for \$25. Also the Sell a package called tripmaker that  
> includes a GPS unit and Ver 4 Streets USA. I have been unable to  
> contact them for info on this GPS unit to see if it sends out  
> standard NMEA sentences or if it is more propriotry stuff.  
> Ver 4 of Streets has many new features. You can draw on the maps,  
> measure distances with your mouse, download maps to a pc that doesnt  
> have a CD player. From the internet you can get WX info that will  
> display on the map. Highway construction info is also available via  
> internet.

>

> Does anyone have more info on this? At \$125 Tripmaker/GPS sounds too  
> good to be true.

>

> Charles  
> cdavidso@neocomm.net  
> <http://www.neocomm.net/~cdavidso/>  
> WB4PAN@WB4QOJ.VA.UA.NOAM  
> wb4pan@juno.com

> APRS ALDHA    ATC  
> Georgia>97>Main    Chase

Well I just ordered the Tripmaker from Delorme for \$125.00 (Upgrade) only. and at the site below it claims to support the following GPS receivers.

Delorme Tripmaker  
Garmin GPS-30, 45 or GPS II  
Trimble Scoutmaster  
Rockwell or a fully compatible NMEA receiver

So from what I read nearly all GPS receivers are supported, so if you have an older version and you have received an upgrade notice you can get the Street Atlas USA 4.0 for only \$25.00 and should work with a GPS receiver.

The following sites will give you all the info:

<http://www.delorme.com/products/tripmate/>  
<http://www.delorme.com/products/gps/>

--

  \\///  
  (0 0)  
\*--o0-( )-0o--\*  
wa8inz@amsat.org  
wa8inz@cris.com

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Date: Mon, 18 Nov 1996 21:20:50 -0500 (EST)  
From: Boyd Prestwood <w2hob@mosquito.com>  
To: aprssig@tapr.org  
Subject: Version 7.7e EXE  
Message-ID: <199611190220.VAA14225@itchy.mosquito.com>

In 76T077EE.ZIP, I couldn't find the executable which I assumed to be APRS77E.EXE. Could it have been omitted? I got no error messages when unzipping.

Have fun es 73 de Boyd

w2hob@mosquito.com

-----  
Date: Mon, 18 Nov 1996 21:20:27 -0500  
From: rwf <rwfaatl.mindspring.com>  
To: aprssig@tapr.org  
Subject: Re: METEOR SCATTER last night!  
Message-ID: <3.0.32.19961118190920.006a0c9c@atl.mindspring.com>

At 09:33 AM 11/18/96 -0600, KE3XY wrote:

I also saw the RACES station in NC, but its path was  
>WIDE,WIDE,WIDE,WIDE (and you thought three-in-a-row was bad).

For the past 2-3 weeks, I have seen several NC area stations with 3 and 4  
WIDES. I was hoping that it was a temporary thing to check propropagation  
but I'm afraid someone set the bad example and the rest are following it.  
Please guys- 2 WIDES only. Its wreaking havoc down here on the local net.

-----  
Date: Mon, 18 Nov 1996 22:09:13 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: Change in FTP Access on TAPR.ORG  
Message-ID: <Pine.GS0.3.95.961118220741.6669D-100000@arctic>

I have only uploaded to the upload area. Hold my hand and tell me again  
what I have to do to upload to the dos area? DO I still log on as ftp  
with anonymous password, or do I log on as bruninga, etc...

If wo, you bet that I lost any passowrd that you gave me, so send it  
again.... sorry... Or tell me to go look for it and I will...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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Date: Mon, 18 Nov 1996 22:16:47 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: 76to77e.zip  
Message-ID: <Pine.GS0.3.95.961118221557.6669G-100000@arctic>

On Mon, 18 Nov 1996, David/Roxanne McCarthy wrote:

> I was able to successfully download 76to77ee.zip. Please excuse my  
> ignorance, but what do you do with it?

APRSdos REPLY/COMMENT: PKUNZIP -dn just like you always to with an  
APRS upgrade file....

The -dn says to put things in the proper directories and only copy what's  
NEW...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----  
Date: Mon, 18 Nov 1996 22:38:47 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: 77eexe  
Message-ID: <Pine.GS0.3.95.961118223721.8272B-100000@arctic>

OOPS, I wondered why it was so small! ARGH. I just uploaded just the new  
EXE file as 77eexe.zip in the tapr/SIG/aprssig/files/upload area, but  
remember it won't show up until K9ORP (poor guy) moves it over...

Sorry for the problems!

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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Date: Tue, 19 Nov 1996 04:17:32 GMT  
From: rkramer@mergetel.com (Ronald Kramer)  
To: aprssig@tapr.org  
Subject: Re: Change in FTP Access on TAPR.ORG  
Message-ID: <32a23495.2676686214@mail.mergetel.com>

On Mon, 18 Nov 1996 21:05:18 -0600 (CST), you wrote:

>I have only uploaded to the upload area. Hold my hand and tell me again  
>what I have to do to upload to the dos area?=20  
>Reply mail addr: wb4apr@amsat.org =20  
>See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

hope you find out soon Bob ... pemmission denied on download of  
77eexe.zip

73 de Ron	Best Regards
Email: rkramer@mergetel.com	ve3mx@mergetel.com
Packet: ve3mx@ve3snp	

-----  
Date: Mon, 18 Nov 1996 23:12:20 -0500  
From: Dayglo <dayglo@radix.net>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125.  
Message-ID: <2.2.32.19961119041220.00718b90@pop.radix.net>

>Does anyone have more info on this? At \$125 Tripmaker/GPS sounds too  
>good to be true.

I saw this at my local CompUSA for \$179 not \$125. The package stated that  
the software would only run with the included GPS receiver. Either they are  
mistaken or have created a proprietary GPS receiver.

-----  
Date: Mon, 18 Nov 1996 20:10:33 -0800

From: Cap Pennell <cap@cruzio.com>  
To: aprssig@tapr.org  
Subject: Re: 76to77e.zip  
Message-ID: <32913339.79A3@cruzio.com>

Cap Pennell wrote:

>

> I can't find the aprs77e.exe file within the 76to77ee.zip file!

> 73. Cap

<SNIP>

Now I see 77eexe.zip at TAPR, but I can't download it!! Aargh! Oh well, we'll get it eventually!

73. Cap

--

Cap Pennell

Santa Cruz, CA, 95062-1002                    3658.92N/12200.88W

email: cap@cruzio.com                    homepage: <http://members.cruzio.com/~cap>

packet radio: KE6AFEakg6ee.#cca.ca.usa.noam

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Date: Tue, 19 Nov 1996 00:36:21 +0000  
From: "Al and/or Lorie Z." <ldajz@epix.net>  
To: aprssig@tapr.org  
Subject: Delorme for APRS maps???  
Message-ID: <32910104.4F93@epix.net>

I am not in the least bit familiar with Delorme's products. I do realize that at least DOS-APRS can interface to Street Atlas, but can Street Atlas "output" map information that may be used as a starting point for building APRS maps?

Is there any other program that can be used for doing this other than the USGS CD-ROMs?

Thanks,

Al, N3KAE

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Date: Mon, 18 Nov 1996 20:32:05 -0800  
From: Steve Childress <stevech@pacbell.net>  
To: "'aprssid@tapr.org'" <aprssid@tapr.org>  
Subject: Re: Delorme Tripmaker GPS \$125.  
Message-ID: <01BBD58F.90CB41E0@appp-206-170-120-198.sndg02.pacbell.net>

----- =\_NextPart\_000\_01BBD58F.90D2E300  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I tried the URLs and links therefrom but didn't find the \$125 Tripmaker offer.  
stevech@pacbell.net

The following sites will give you all the info:

<http://www.delorme.com/products/tripmate/>  
<http://www.delorme.com/products/gps/>

----- =\_NextPart\_000\_01BBD58F.90D2E300  
Content-Type: application/ms-tnef  
Content-Transfer-Encoding: base64

eJ8+IgYEAQaQCAAEAAAAAAAAABAAEAAQeQBGAIAAAA5AQAAAAAADoAAENgAQAAgAAAAIAAgABBJAG  
AAwBAAABAAAAADAAAAAMAADADAAAAACwAPDgAAAAACAf8PAQAAAD8AAAAAAAAAAgSsfPL6jEBmdbgDd  
AQ9UAgAAAABhcHJzc2lnQHRhcHIub3JnAFNNVFAAYXByc3NpZ0B0YXBjYm9yZWAAHgACMAEAAAAF  
AAAAU01UAAAAAAAAeAAMwAQAAABEAAABhcHJzc2lnQHRhcHIub3JnAAAAAAMAFQwBAAAAAwD+DwYA  
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R0BUQVBBSLk9SRwAAAAAAMADkAAAAACwBA0gEAAAACAfYPAQAAAAQAAAAAAADEy4BCIAHABgAAABJ  
UE0uTWljcm9zb2Z0IE1haWwWuTm90ZQAxC AEgAEAMwAAAFJF0iBbQVBSU1NJRzo2NTI0XSBSZTog  
RGVsb3JtZSBUCm1wbWFrZXIgr1BTICQxMjUuAAKkOAQWAAwA0AAAAzAcLABIAFAAgAAUAAQAQAEg  
gAMADgAAAMwHCwASABQAHwANAAEAMQEBCYABACEAAAAAxQ0NCNzVCQzgwNDFEMDExQkI4MzQ0NDU1  
MzU0MDAwMADEBgEDkAYA8AIAABIAAAALACMAAAAAAAMAjGAAAAACwApAAAAAADADYAAAAAAEAA  
OQCAuCye0tW7AR4AcAABAAAAAMwAAAFJF0iBbQVBSU1NJRzo2NTI0XSBSZTogRGVsb3JtZSBUCm1w  
bWFrZXIgr1BTICQxMjUuAAACAXEAAQAAABYAAAAABu9XSniW8dcsdQYAR0LuDREVTVAIAAAAEAB4M  
AQAAAAUAAABTTVRQAAAAAB4AHwwwBAAAAFAAAAHN0ZXZlY2hAcGFjYmVsbC5uZXQAAwAGEFGc71kD  
AAcQwQAAAB4ACBABAABAAZQAAAE1UUK1FRFRIRVVSTFNBTkRMSU5LU1RIRVJFR1JPTUJVVVERJRE5U  
Rk10RFRIRSRQxMjUUK1QTUFLRVJPRkZFU1NURVZFQ0hAUFEFDQkVMTE5FVFRIRUZPTExPV010R1NJ  
VEVTV0kAAAAAAgEJEAEEAAABbAQAAVwEAABYCAABMWkZ1YHBThf8ACgEPAhUCqAXrAoMAUALyCQIA  
Y2gKwHN1dDI3BgAGwwKDMgPFAGBwckJxEeJzdGVtAoMzdwLkBXMCgH0KgAjPCdk78RYPMjU1AoAK  
gQ2xC2BgmcxMDMUUAsDbHhpMzYN8AtVFFEL8m0hAEAgSSB0CIFkG2DAaGUgVvJMBCAAcPMbsBnQ

bmsEIBvRFhADUgggYnUFQGRpZG6aJwVAZguAG7QkMRhALCBUBREAwGsEkCBvWw3QBJAuCoUTwXYF  
kGgCQAqwY2J1bGwuXm4RwAqHGksTUG8T0G07BUAKhVQb4QIQIXbVA/B7GRAgkGkT0AQgA/AhcCDk  
Z2kg0CB5CGAcUCWBtxvSC4ACEDoKhQqFaAJAoHA6Ly93KGAuDbBLFaEHgC4FoG0vIzFkcnUjgHMv  
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CDCA+15/0tW7AR4APQABAAAABQAAAFJF0iAAAAAAoL0=

----- =\_NextPart\_000\_01BBD58F.90D2E300--

-----

Date: 18 Nov 96 23:40:02 EST  
From: Mike Musick <71301.3106@CompuServe.COM>  
To: <aprssig@tapr.org>  
Subject: Re: killer mail  
Message-ID: <961119044001\_71301.3106\_FHJ56-2@CompuServe.COM>

FWIW, gang -

I monitor the forum through the listserver digest, and do have to comment that we've been seeing more than the normal number of binaries passing through lately. Binary attachments get changed to binhex(?) text in the digests, and only the massive (>1MB) binaries cause my particular reader to upchuck.

The summarizer doesn't post the message numbers so I don't know which one was #6396 (or 6397), but maybe someone whose mail reader didn't self-immolate can tell us what that particular message had in it and we can back into the problem. Maybe an inadvertent attachment or a sig-line animation gave certain readers terminal [pun intended] indigestion.

...mike/N0QBF  
71301.3106@compuserve.com

-----

Date: 18 Nov 96 23:40:11 EST  
From: Mike Musick <71301.3106@CompuServe.COM>  
To: <aprssig@tapr.org>

Subject: Re: Mapmaking

Message-ID: <961119044010\_71301.3106\_FHJ56-3@CompuServe.COM>

In a reference to MacDLG, Jim writes -

> Does anyone know of a program to convert GIS Arcinfo files to a format  
> compatible with APRS/WinAPRS ?

and then Arte queries:

> Is there such an animal that'll help us PC-types  
> make WinAPRS maps from the USGS DLG (Optional format) C-D's?

To both I have to reply, "Not that I know of." I'm not familiar with whatever system uses the Arcinfo format, but if it's a commercial system (versus public domain, like TIGER and DLG), there are all sorts of dance steps that might have to be taken around intellectual property issues. This even extends to the file formats themselves.

To the Windows/PC/Intel map generator, no, and it's going to take one of us to write something. Unfortunately, I still have no intentions on porting MacDLG to Windows. For starters, because of the screwball language I've used (a Mac-specific super-BASIC) the source code's not very transportable. I also don't have anything better than a 286 at the house, and SoftWindows (x86 emulator for the Mac) is a miserable environment to program in. Professionally, I design and write for both platforms, but prefer Mac because I can concentrate on the solution and spend a lot less time fighting system management issues.

And... just maybe... there's a part of me that wants to help make up for the incredibly poor support that the Mac platform has seen from the ham software community. If because of MacDLG there was even one serious APRS devotee that considered investing in a Mac over a Wintel box because it has better overall support (or had a better end result for their application), then I'll consider

the resultant mind-broadening a mission accomplished.

FWIW.

...mike/N0QBF  
71301.3106@compuserve.com

-----  
Date: 18 Nov 96 23:40:13 EST  
From: Mike Musick <71301.3106@CompuServe.COM>  
To: <aprssig@tapr.org>  
Subject: FTP Server Problem  
Message-ID: <961119044013\_71301.3106\_FHJ56-4@CompuServe.COM>

Anybody know what's up with the server? Anything uploaded today (11/18) is inaccessible, including my own uploads. WOM (write-only memory) is an interesting concept, but is definitely a technology still in search of an application. ;-)

...mike/N0QBF  
71301.3106@compuserve.com

-----  
Date: Mon, 18 Nov 1996 23:42:23 -0500  
From: WB9W0Z@aol.com  
To: aprssig@tapr.org  
Subject: KF0ZH  
Message-ID: <961118234221\_2081474216@emout14.mail.aol.com>

Is KF0ZH on the SIG? I need to converse with him. If you monitor here, contact me direct.  
If he is not here, and someone knows his email address, PLEASE let me know.

Bruce Tobias  
WB9W0Z  
DuPage ARC/NIAN

Date: Tue, 19 Nov 1996 00:06:07 -0500  
From: Rick Szpyrka <wb8tif@cris.com>  
To: aprssig@tapr.org  
Subject: AEA out of business  
Message-ID: <3291403E.915@cris.com>

A.E.A. Out of Business. According to numerous reports A.E.A. has suspended business operations and its employees laid off.

--

Rick Szpyrka       WB8TIF  
Bloomfield Hills, MI USA  
Email: wb8tif@cris.com or wb8tif@amsat.org  
URL: <http://www.concentric.net/~wb8tif>

-----

Date: Mon, 18 Nov 1996 22:16:51 -0800  
From: ke6nyt@fishnet.net (Dan Dicke)  
To: aprssig@tapr.org  
Subject: Scanning Maps for APRS  
Message-ID: <199611190616.WAA06411@big.fishnet.net>

If one were to scan in maps is there a way to get it digitized from a scanned in version? I am trying to get APRS started here in Ventura County Cal and think I have a way of doing that will get a WIDE up on Sulpher Mountain where our main repeaters are. This would cover 90+% of the county, also reaching to Pasadena which I think is the closest WIDE to me. This in turn would connect to LA and San Diego Counties.

If I am able to pull this off, there is a gentleman in Santa barbara county that I spoke with that is the ARRL Section Tech head that will put up a WIDE in SB county. This will get APRS on the west coast from the Mexican border to about center state. Northern CA is already on line, but on 145.010. We will cross that bridge when we get there.

Anyway, back to my original question, can we scan in maps and get them converted for APRS? We want to use it for ARES/RACES and that will give us the OK to set up a WIDE.

Thanks for the time and space on the sig.

Dan Dicke  
KE6NYT  
KE6NYT@FISHNET.NET

-----

Date: Tue, 19 Nov 1996 00:36:08 -0600  
From: Robert Winingham <kc5ejk@onramp.net>  
To: aprssig@tapr.org  
Subject: Re: Scanning Maps for APRS  
Message-ID: <v03007801aeb70281367fa[199.1.11.136]>

>If one were to scan in maps is there a way to get it digitized from a  
>scanned in version? =20

We MacAPRS users have had the option to use scanned map files for some time.  
I use screen captured PICT maps from Delorme SA2 and SA3.  
It should be in WinAPRS also.

MACGPS PRO works well displaying GPS position data and maps. A new MAC  
program GPSy 1.5 will let you use SA3 CD-ROM directly with a NMEA GPS=20  
to plot you position as you move.=20

---- from the readme----

GPSyLink provides a seamless connection to DeLorme's StreetAtlas=AE 3.0.  
You=

have a moving map display with advanced control features such as control=  
over zoom in/out; magnitude; map features; and update rate -- all from=  
within GPSy.

\$30 <http://www.yale.edu/~nakamura/gps/gpsy.html>

----

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org --- =20

-----

Date: Tue, 19 Nov 1996 08:40:53 -0800

From: DE001-IPA <uipdeo01@usiminas.com.br>  
To: aprssig@tapr.org  
Cc: py4lf@bis.com.br  
Subject: Re: Mouse Digitizer  
Message-ID: <3291E315.267C@usiminas.com.br>

Bob Bruninga wrote:

>

> MAPFIX is available in source code as MAPFIX27.bas But you must run it  
> undre QB.exe not Qbasic.exe and you must use the /L option so the mouse  
> library will be loaded...

Tnx Bob! Where from can I download the QB.EXE and Mapfix27.bas? Sorry  
about that but I'm a beginner.hi!  
73's from Julio...PY4LF

-----

Date: Tue, 19 Nov 1996 09:19:29 -0500  
From: Bob Derderian <n2iph@cyberenet.net>  
To: APRS dicussion group <aprssig@tapr.org>  
Subject: [Fwd: FTP Server Problem]  
Message-ID: <3291C1F1.2991@cyberenet.net>

Mike Musick wrote:

>

> Anybody know what's up with the server? Anything uploaded today (11/18) is  
> inaccessible, including my own uploads. WOM (write-only memory) is an  
> interesting concept, but is definitely a technology still in search of an  
> application. ;-) )

>

> ...mike/N0QBF  
> 71301.3106@compuserve.com

This is not a 'bug' or problem with UNIX, it is a feature! And if you  
received the msg about the problems at the TAPR site you can see that it  
is a very useful one for system administrators. It is not in search of  
an application, it is applies every day in thousands of applications  
around the world. Being able to designate read, write, and execute  
permissions is one of the 'powers' of UNIX/Linux. It IS a very  
different animal than DOS/Windows and other operating systems, and I

would say is more difficult to learn (at least for someone who has DOS experience) but overall is much more powerful. A true multi-tasking OS.

I'm sure most of you have heard of Linux, which is basically a free version of UNIX that will run on desktop machines (i836 or better, min 4MB ram). Some day a Linux/UNIX version of APRS will appear, and all the OS users will droule over its capabilities. Wouldn't you like to have up to 8 virtual consoles on one machine? Each doing a task at the same time? APRS-X (the name I have coined for the future X-Windows version of APRS)in one windows and your UL-200 datalogging program running in another, all while you run Netscape on a third and maybe TNOS on the fourth console?

What I think would be cool is a TCP/IP version of APRS, this would work over a SLIP or PPP connection or packet TNCs.

Keith & Mark I though had a APRS-X version on the back burner. I know of many Linux users who can't wait for its appearence.

73...Bob

NNNN

-----

Date: Tue, 19 Nov 1996 09:46:19 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Subject: Re: Mapmaking  
Message-ID: <v03007803aeb77838041ca[165.1.27.20]>

>In a reference to MacDLG, Jim writes -

>

>> Does anyone know of a program to convert GIS Arcinfo files to a format

>> compatible with APRS/WinAPRS ?

>

>and then Arte queries:

>

>> Is there such an animal that'll help us PC-types

>> make WinAPRS maps from the USGS DLG (Optional format) C-D's?

>



The map making program that Keith and I are working can deal with ARC-INFO files. The program is currently Mac only and is a long way from release quality. It is what we use to make all of the maps we put on the CD-ROM

For some time we have been making street level (from 100,000 USGS data) maps for anyone who asks, We put as many of them as we could on the CD-ROM, and most major populated areas are covered.

Mark

---

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
<a href="http://msproul.rutgers.edu/">http://msproul.rutgers.edu/</a>	

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End of APRSSIG Digest 773

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From aprssig@tapr.org Tue Nov 19 16:09:29 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1629 ; Tue, 19 Nov 96 15:27:03 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id NAA17192; Tue, 19 Nov 1996 13:39:24 -0600  
(CST)  
Date: Tue, 19 Nov 1996 13:39:24 -0600 (CST)  
Message-Id: <ADMD=TELECOM.CANADA/C=CA/;UNGA-5904-4900@aresonet.com>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org

Subject: [APRSSIG:6564] APRSSIG digest 774  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Content-Type: multipart/report; report-type=delivery-status;  
Status: R

## APRSSIG Digest 774

Topics covered in this issue include:

- 1) Re: X-APRS  
by Mark Sproul <sproul@ap.org>
- 2) Re: Scanning Maps for APRS  
by Mark Sproul <sproul@ap.org>
- 3) latest version of KPC-3  
by Bill Northup <northup@sw.stratus.com>
- 4) GPS and Space Weather?  
by Tom Kinahan <kinahan@cassatt.Mass-USR.COM>
- 5) DGPS  
by Bob Lorenzini <hwm@netcom.com>
- 6) Re: Delorme Tripmaker GPS \$125.  
by Mark Humphrey <mark@y100.com>
- 7) Jupiter Rockwell GPS board  
by Dr Samuel Guccione <sguccione@outland.dtcc.edu>
- 8) SOAPBOX...  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 9) Re: X-APRS  
by Richard Parry <rparry@qualcomm.com>
- 10) \*\*\*\*\* Change in FTP Access on TAPR.ORG \*\*\*\*\*  
by "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
- 11) Re: latest version of KPC-3  
by Randy Hammock <hammock@wired.jpl.nasa.gov>
- 12) Re: [Fwd: FTP Server Problem]  
by "Bruce W. Martin" <martinbw@telalink.net>
- 13) Re: Mouse Digitizer  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 14) Re: latest version of KPC-3  
by Rob Swanson <rswanson@csinet.net>
- 15) Re: Delorme Tripmaker GPS \$125.  
by Robert Winingham <kc5ejk@onramp.net>
- 16) Re: Delorme Tripmaker GPS \$125.  
by "Ken Mirabella" <kjm@deltanet.com>
- 17) RE: Jupiter Rockwell GPS board

by Gwyn Reedy <gwyn@paccomm.com>  
18) Re: Trimble Antenna and GPS45  
by "Ken Mirabella" <kjm@deltanet.com>  
19) Map conversion  
by COMPTeC95013@camins.Camosun.BC.CA  
20) Delivery-Report (failure) for  
by "X.400\_Mail\_Gateway" <X400Postmaster@resonet.com>

-----  
Date: Tue, 19 Nov 1996 10:04:45 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Subject: Re: X-APRS  
Message-ID: <v03007806aeb77c40f673a[165.1.27.20]>

>time? APRS-X (the name I have coined for the future X-Windows version of  
>APRS)

>Keith & Mark I though had a APRS-X version on the back burner. I know of  
>many Linux users who can't wait for its appearance.  
>

It is called "X-APRS" and it is a REALITY, we demoed it at DAYTON of this  
year (yes, last May). We already have maps displaying on a Sun, we will be  
doing linux, both Mac Linux and PC Linux first. We HOPE, (this is not a  
promise) to have it ready to release by Dayton of next year. I am keeping  
track of the names of all people who express interest in X-APRS,

Mark

-----  
Mark Sproul |Amateur Radio: KB2ICI  
Software Engineer @ Assoc Press |  
sproul@ap.org |Work: 609-860-7120  
North Brunswick, NJ |Fax: 609-860-7129  
<http://msproul.rutgers.edu/>  
-----

-----  
Date: Tue, 19 Nov 1996 09:54:14 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Subject: Re: Scanning Maps for APRS  
Message-ID: <v03007805aeb77a498047a[165.1.27.20]>

>>If one were to scan in maps is there a way to get it digitized from a  
>>scanned in version? =20  
>  
>We MacAPRS users have had the option to use scanned map files for some  
time.  
>I use screen captured PICT maps from Delorme SA2 and SA3.  
>It should be in WinAPRS also.  
>

It is not in WinAPRS, Windows does not support PICT files and the entire  
issue of handling bit-map images is MUCH more difficult under Windows than  
on the Mac.

Mark

-----  
Mark Sproul |Amateur Radio: KB2ICI  
Software Engineer @ Assoc Press |  
sproul@ap.org |Work: 609-860-7120  
North Brunswick, NJ |Fax: 609-860-7129  
<http://msproul.rutgers.edu/>  
-----

-----  
Date: Tue, 19 Nov 1996 11:31:46 -0500 (EST)  
From: Bill Northup <northup@sw.stratus.com>  
To: aprssig@tapr.org (APRS)  
Subject: latest version of KPC-3

Message-ID: <199611191631.LAA00831@blackdog.sw.stratus.com>

After someone posted the web site for Kantronics I took a look to see what the latest version of sw was for the KPC-3. It is 6.0N and one of the features listed is that they REMOVED GPS support.

Bill

-----  
Date: Tue, 19 Nov 1996 11:34:38 -0500  
From: Tom Kinahan <kinahan@cassatt.Mass-USR.COM>  
To: aprssig@tapr.org  
Subject: GPS and Space Weather?  
Message-ID: <2.2.32.19961119163438.00c20d00@cassatt>

It was a slow night surfing the local cable system last night, and I came upon CSPAN-2 doing a press conference with some NOAA people talking about Space Weather and predicting it. It was really discussing the effects of the much anticipated upcoming Solar Maximum Sunspots, and the effect of Solar storms on us.

Much of the program was dedicated to the Power generation issues with solar storms, and Space issues, but the one nearest and dearest to many of our hearts on the SIG is that people who use single channel GPS receivers can expect problems during a solar storm of larger magnitude. Sounds like the varying density of the atmosphere caused by such solar storms makes the paths to GPS satellites harder to measure.

This is much more a problem for Pilots or Mariners than your typical GPS/APRS Ham installation.

Anyone else catch this?

Tom Kinahan N1CPE

-----  
Tom Kinahan                      Phone:              508-871-0305  
US Robotics                      Fax:                508-366-3626  
Massachusetts R&D Lab           Email:              kinahan@mass-usr.com

4 Technology Drive  
Westboro, Ma. 01581

Amateur Radio: N1CPE

-----

Date: Tue, 19 Nov 1996 08:40:30 -0800 (PST)  
From: Bob Lorenzini <hwm@netcom.com>  
To: aprssig@tapr.org  
Subject: DGPS  
Message-ID: <XFMail.961119085921.hwm@netcom.com>

I think some member of this SIG may find this interesting. Pacific Crest Corp

oration (800 795-1001) is offering a two chip DGPS receiver solution.

SkipperChip - \$68

SkipperChip protocol processor - \$24      both chips are 44-pin quad flatpack

SkipperBLD evaluation board - \$175      1.5"x1.5" complete receiver options

rs232 or rs485 output - \$10      cmos ouput standard

regulator for 6-16v      - \$10      5 v standard

source 5 or 12 for active ant - \$10      can be used with active or passive ant

second channel option - \$68

Available first quarter 97'

-----

E-Mail: Bob Lorenzini <hwm@netcom.com>  
Date: 11/19/96  
Time: 08:40:30

-----XF-Mail

-----

Date: Tue, 19 Nov 1996 11:56:55 -0500  
From: Mark Humphrey <mark@y100.com>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125.

Message-ID: <3291E6D7.60E9ay100.com>

Charles W. Davidson wrote:

> Does anyone have more info on this? At \$125 Tripmaker/GPS sounds too  
> good to be true.  
>

As they say... "if it sounds too good to be true, it probably is." I also received the DeLorme brochure in the mail yesterday, and it looked interesting, but after checking their Web site, I noted the following:

- 1) Their GPS receiver is "not compatible with other GPS or mapping applications", which probably means it's not putting out NMEA. (But the Street Atlas 4.0 software will accept NMEA sentences, if you already own a Garmin or other NMEA rcvr)
- 2) It looks like the receiver will only run on four AA batteries, which need to be changed every 10-14 hours. There's no power switch, it's controlled through the data port and turns on when you start the DeLorme program (another clue that it's a proprietary data format) The first thing I would want to do is modify the unit to run on external DC...
- 3) The special introductory offer was made to people on DeLorme's mailing list, and may not be available in retail stores. They can probably sell the thing cheap because they're getting a kickback from Duracell and Energizer, hi!
- 4) Hey, if Bob can figure how to decode their format, maybe there's a way to use the DeLorme receiver for APRS, with a portable PC to "translate", but don't expect to use it in a standalone configuration...

73, Mark KE3XY  
markay100.com

-----

Date: Tue, 19 Nov 1996 12:12:03 -0500 (EST)  
From: Dr Samuel Guccione <sguccion@outland.dtcc.edu>  
To: aprssig@tapr.org  
Subject: Jupiter Rockwell GPS board  
Message-ID: <Pine.SV4.3.95.961119121044.4264D-100000@outland.dtcc.edu>

Anyone heard of the Jupiter GPS board by Rockwell using a Zodiac chip set?  
Same as the GPS-20?

I need this for a Super Loki Rocket Launch.

\*\*\*\*\*  
Dr. Sam Guccione Delaware Technical & Community College  
302-741-2802 1832 North duPont Highway  
ARS K3BY Dover, DE 19901  
\*\*\*\*\*

-----

Date: Tue, 19 Nov 1996 12:30:09 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tqpr.org  
Subject: SOAPBOX...  
Message-ID: <Pine.GS0.3.95.961119122012.26972A-100000@arctic>

After several months, Im kinda getting tired of seeing XXXX-3 on my  
bulletin page every day taking up 2 lines just announcing his presence.  
That is what the STATUS beacon is for. Also, he is using GATE,WIDE,WIDE  
which is also not good policy, READ HF.TXT for several reasons why this is  
bad. I have tried sending messages to him on both HF and VHF, but never  
get any acks...

So now Im asking if anyone in the Boston area can make contact with this  
station and see if he understands what he is doing. Remember he is  
obviously running some homebrew software since he was also the station  
that was GATEing everything from HF to VHF and using his software to add  
GATE,WIDE,WIDE,WIDE to every packet a few weeks ago....

ALso, I dont need to see every Kansas CItY VHF digipeater on HF.... We  
know they are there, why waste the bandwidth? DIGI-W.BK should show all  
of those digipeaters... Since there is obvioiusly a GATEway there, we  
should be seeing it, not the WIDES.... Thanks.



Soap off...

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----  
Date: Tue, 19 Nov 1996 09:27:51 -0800  
From: Richard Parry <[rparry@qualcomm.com](mailto:rparry@qualcomm.com)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Re: X-APRS  
Message-ID: <[v03007806aeb79e50053da@129.46.159.136](mailto:v03007806aeb79e50053da@129.46.159.136)>

Add me to the list of LINUX and Sun Solaris people interested in X-APRS.

>>time? APRS-X (the name I have coined for the future X-Windows version of  
>>APRS)

>

>>Keith & Mark I though had a APRS-X version on the back burner. I know of  
>>many Linux users who can't wait for its appearence.

>>

>

>It is called "X-APRS" and it is a REALITY, we demoed it at DAYTON of this  
>year (yes, last May). We already have maps displaying on a Sun, we will be  
>doing linux, both Mac Linux and PC Linux first. We HOPE, (this is not a  
>promise) to have it ready to release by Dayton of next year. I am keeping  
>track of the names of all people who express interest in X-APRS,

>

>

>

>Mark

>

>

>-----  
>Mark Sproul |Amateur Radio: KB2ICI  
>Software Engineer @ Assoc Press |  
>[sproul@ap.org](mailto:sproul@ap.org) |Work: 609-860-7120  
>North Brunswick, NJ |Fax: 609-860-7129  
><http://msproul.rutgers.edu/>

>-----

-----  
Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B  
Globalstar/Gateway Reverse Link  
Internal Web -> <<http://qcwww/~rparry>>  
External Web -> <<http://www.qualcomm.com/~rparry>>  
-----

-----  
Date: Tue, 19 Nov 1996 11:40:44 -0600  
From: "Greg Jones, WD5IVD" <[wd5ivd@tapr.org](mailto:wd5ivd@tapr.org)>  
To: "APRS SIG list mailing" <[aprssig@tapr.org](mailto:aprssig@tapr.org)>  
Subject: \*\*\*\*\* Change in FTP Access on TAPR.ORG \*\*\*\*\*  
Message-ID: <[v03007805aeb79c05e58e@128.83.113.92](mailto:v03007805aeb79c05e58e@128.83.113.92)>

Based on messages posted after I posted the first version of the message below, doesn't look like everyone read the message. So, here is a shorter version of the message with some updates. Check the messages posted yesterday for the full version.

Cheers - Greg

-----

TAPR.ORG is now setup as follows for all open anonymous upload areas, which now includes the [aprssig/files/upload](mailto:aprssig/files/upload) area:

- \* No subdirs in the upload area can be created
- \* File names can only use the characters "A-Z", "a-z", ".", "-", and "\_".
- \* File names may not start with "." or "-"
- \* FTP users cannot delete, overwrite, or modify files once uploaded
- \* Files uploaded there are owned by "k9orp:aprsftp" with mode 0660.

This last statement means that anyone can still upload a file to the upload area, but no one can read the uploaded files until someone (either k9orp or a member of the [aprssig](mailto:aprssig) ftp group) changes the permissions on the file (and hopefully moves it somewhere else).

Larry Keeran, k9orp, is now acting as full time APRS FTP library manager and we are working on getting Larry up to speed on how to access his

account and move files around and generally keep the library in clean and orderly shape. Larry has been doing this in an ad-hoc fashion for several months, but after this weekend we decided that it really needed to be done officially with an account being issued.

When you upload a file to APRS upload area, you will need to \_\_send a message\_\_ to k9orpatapr.org or the address listed in the README (which is now directed to Larry). In this way, Larry will know when files are there and can either move them or make them readable until he can move them. If you don't let Larry know about the file, then it will wait until Larry discovers it. Also, be sure to include the .TXT file that Larry requested during the summer. This helps him and others later know that the files contains. If you have a specific area you want a file moved to, then let Larry know.

Bob B (APR), Keith S (Z), and Steve Dimse all now have access to their software dirs and should be uploading updates into those area directly. In this way, software updates should be available immediately. Those areas are:

#### DOSaprs

<ftp://ftp.tapr.org/tapr/SIG/aprssid/files/dosstuff/DOSaprs/>

#### MACaprs

<ftp://ftp.tapr.org/tapr/SIG/aprssid/files/macstuff/MacAPRS/>

#### WINaprs

<ftp://ftp.tapr.org/tapr/SIG/aprssid/files/winstuff/WinAPRS/>

#### javAPRS

<ftp://ftp.tapr.org/tapr/SIG/aprssid/files/javastuff>

Any future files uploaded to the \_upload area\_ will need to be changed by Larry for access \_after he gets an e-mail from the uploading person\_. Larry is checking daily for messages, so if he gets a message about an upload, it is a simple task for him to pop over and make it available.

-----

Greg Jones, WD5IVD  
Austin, Texas

wd5ivd@tapr.org  
http://www.tapr.org/~wd5ivd  
-----

-----  
Date: Tue, 19 Nov 1996 10:55:42 -0800  
From: Randy Hammock <hammock@wired.jpl.nasa.gov>  
To: aprssig@tapr.org  
Subject: Re: latest version of KPC-3  
Message-ID: <329202AE.FF6@wired.jpl.nasa.gov>

Bill Northup wrote:

>  
> After someone posted the web site for Kantronics I took a look to see what  
the  
> latest version of sw was for the KPC-3. It is 6.0N and one of the features  
> listed is that they REMOVED GPS support.  
>  
> Bill

This is the Network version of the KPC-3 ROM. They offer a couple of  
different version, one for GPS and one for Networking.

--  
Randy Hammock            KC6HUR            |    Jet Propulsion Laboratory  
mailto:hammock@wired.jpl.nasa.gov    |    M/S: 264-580  
Voice: +1-818-393-1214            |    4800 Oak Grove Drive  
Pager: +1-818-423-2062            |    PASADENA CA 91109

-----  
Date: Tue, 19 Nov 1996 11:45:07 -0600  
From: "Bruce W. Martin" <martinbw@telalink.net>  
To: aprssig@tapr.org  
Subject: Re: [Fwd: FTP Server Problem]  
Message-ID: <9611191145.AA07387@oscar.telalink.net>

>  
> What I think would be cool is a TCP/IP version of APRS, this would

> work over a SLIP or PPP connection or packet TNCs.  
>

The MacAPRS 2.6.7 has a Receive Only TNC option that is designed to connect with telnet nodes like "www.wa4dsy.radio.org:14579" using TCP/IP. This works great. I use it to check how local stations, in Nashville, are propagating to

Atlanta. I would love to see this technology expanded to other cities. I would

also like to see a server that would consolidate all the cities to one node.

Thanks Keith for the software, thanks Dale for the node.

Bruce

--

```
*****
* Bruce W. Martin           Internet: martinbw@telalink.net   *
* 4558 Brooke Valley Dr.    HAM Call: KQ4TV                   *
* Hermitage TN 37076-2650    Voice: (615) 872-7733            *
* FAX/MODEM: (615) 872-0045   APRS:3610.50N/08635.50W          *
* "Being a Mac user is like being a Navy SEAL: a small, elite *
* group of people with access to the most sophisticated        *
* technology in the world, who everyone calls on to get the    *
* really tough jobs done quickly and efficiently."             *
* -- Nick Lehmann                                                *
*****
```

-----

Date: Tue, 19 Nov 1996 12:52:58 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: Mouse Digitizer  
Message-ID: <Pine.GS0.3.95.961119125113.26972E-100000@arctic>

On Tue, 19 Nov 1996, DE001-IPA wrote:

> Tnx Bob! Where from can I download the QB.EXE and Mapfix27.bas? Sorry=20  
> about that but I=B4m a beginner.hi!

> 73=B4s from Julio...PY4LF

APRSdos REPLY/COMMENT: MAPFIXxx.bas is always in the 77toXX.zip upgrade file currently its 76to77ee.zip on the tapr site. QB.exe is a microsoft program that costs about \$69 when I bought mine... I cant legally send it to you, hi hi

Reply mail addr: wb4apr@amsat.org =20

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Tue, 19 Nov 1996 11:59:41 -0600  
From: Rob Swanson <rswanson@csinet.net>  
To: aprssig@tapr.org  
Subject: Re: latest version of KPC-3  
Message-ID: <3291F58D.7E1D@csinet.net>

Randy Hammock wrote:

>

> This is the Network version of the KPC-3 ROM. They offer a couple of  
> different version, one for GPS and one for Networking.

>

I just ordered and recieved the 6.0 ROM for GPS, I also pulled the 7.0 off thier WWW site, and burned it. the 7.0 addss Multi-Drop KISS Features, but removes GPS.

-----

Date: Tue, 19 Nov 1996 12:08:36 -0600  
From: Robert Winingham <kc5ejk@onramp.net>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125.  
Message-ID: <v03007800aeb7a72cebc9@[199.1.11.115]>

>Charles W. Davidson wrote:

>

>> Does anyone have more info on this? At \$125 Tripmaker/GPS sounds too  
>> good to be true.

>>

>

> which probably means it's not putting out NMEA. (But the  
>Street Atlas 4.0 software will accept NMEA sentences, if you already own

-----

Lots of info about this on the sci.geo.satellite-nav list

From: ke6zcanetcom.com (Stan Slonkosky)  
Newsgroups: sci.geo.satellite-nav  
Subject: Re: Delorme Tripmate GPS for SA 4.0  
Date: Thu, 14 Nov 1996 08:39:42 GMT

Randy Davis (randy@agames.com) wrote:

: So, does anyone have any experiences or more info than is contained on  
: the Delorme web page?

Not much in my case. I ordered it on Monday for \$125 as an upgrade to SA 3.0. The upgrade for SA 3.0 along would have been \$25, so the GPS essentially cost \$100. I also ordered the 3D Navigator program for \$19, but I haven't loaded that up yet. Total cost was \$144, which included 2nd day air shipping.

: [I didn't come across the picture of a GPS unit mentioned by the  
original  
: poster during the approx 10 minutes I spent wading through the site. On  
the  
: page "<http://www.delorme.com/products/tripmate>" is a yellow-looking thing  
: that might be the GPS unit.]

It's yellow all right. It's really strange that there's no power switch. You must either pull out one of the batteries or disconnect the Berg connector that connects the batteries to the GPS itself. The bottom part of the shell holds the batteries in place is attached to the top half with two screws. You can use a dime or a penny to unscrew them if you don't have a screwdriver handy. A sticker on the bottom of the top half of the unit says there are no user serviceable parts inside and that opening it voids the warranty, so I didn't open it.

There is mention of an external power supply being available from Delorme so you can run the unit from a cigarette lighter. I don't know

why there is no reference to that on the WWW pages or on the mailer I received. Of course, one could get a a six volt supply from somewhere else and make one's own connections.

I didn't have a chance to test it in the field yet and won't until I can get the display on my notebook computer replaced, but the unit does appear to work as well as I might expect inside my living room. I'm sure that if I got a long enough serial cable that I could put the GPS unit outside I'd get better results.

I notice that at least one error remains on SA 4.0 remains. I first noticed it with SA 2.0 and it still hasn't been corrected and that's the bridge across the Colorado River between the north end of Laughlin, NV, and Bullhead City, AZ. Part of the bridge has been broken off and placed downstream about half a mile where neither end of it connects to any other road. A couple of errors I noticed in SA 3.0 have been corrected. Orangethorpe Ave. in Orange County, CA, is finally one word (instead of Orange Thorpe) and a street I used to live on south of Globe, AZ, in Six Shooter Canyon, is now correctly shown as Winchester Dr (instead of Winchester Rd). I think the above errors originated in the Tiger database, because I've seen the same errors on CD's from Precision Mapping, one other publisher whose name I can't recall and the Tiger WWW pages (though I haven't looked there in several months to see if things have been corrected).

-----

From: "Eric A. Cottrell" <eac@shore.net>  
Subject: Re: Approximately 100.00 US dollar GPS receiver (more)

Hello,

The unit seems to lock on the satellites reasonably fast. I downloaded the New England area onto my laptop and the moving map display is neat.

I hooked it up to a comm analyzer and played alittle. Communications are 4800 baud using ASCII characters so far. The serial port does not assert handshaking signals so hardware handshaking should not be used.

Power control appears to be the DTR line. Asserting DTR powers up the unit and it sends three NMEA messages (PRWIRID, GPRMC, and



NMEA messages begining with PR are reserved for manufactuer's messages.

Some of the NMEA sentences:

PRWIRID seems to contain version numbers and dates

```
GPRMC      position info
```

PRWIZCH twelve sets of what seems to be satellite PRN and a  
single digit code

```
GPSSA      Number of satellites and PRN numbers plus some other info.
```

GP GGA Position and other information.

GPGSV      Usually three messages in a row i.e. gives info on only 4 sats?  
              Seems to be satellite info such as az/el

I need to check my nmea info as the GP messages are a standard format. I also need to log the output as no doubt almanac and other messages are sent.

73 Eric eac@shore.net  
-----

Stan Slonkosky wrote:

 $\succ$ 

> Randy Davis (randy@agames.com) wrote:

 $\vee$ 

Thanks for the pricing info... its a REAL bargain imho

```
> It's yellow all right. It's really strange that there's no power switch.
```

Yup it YELLOW.. you can see it half a parking lot away, just screaming "Steal me !!"

The CTS line goes false, turning off the power, the software or the turning off or disconnecting the computer takes care of it.

> You must either pull out one of the batteries or disconnect the Berg  
> connector that connects the batteries to the GPS itself.

NOT NEEDED...

I've been using one for a couple months now right beside a Garmin GPSMAP130 and an Accunav (beta test) and it's as hot as any of the expensive receivers. It's actually a 12 channel (Rockwell guts, Trimble made) parallel, and aside from the initial slow startup, is excellent.

The SA4 is wonderful, loads maps on the hard drive, runs without the CD, and aside from the short bread crumb trail is the best I've used. The maps are a little better than they were.

All the G45 functions a OK with the GPS130 by the way. The Accu-Nav is fine, and Trimble CM3 modules are OK, but CM2's don't output the \*NN cksum needed.

It is also very cooperative with MNG2..

-----

Newsgroups: sci.geo.satellite-nav  
Subject: Re: Delorme Tripmate GPS for SA 4.0  
Date: 16 Nov 1996 14:24:33 GMT

In <56jflt\$4lj@fridge-nf0.shore.net>, eac@shore.net writes:  
>NMEA messages begining with PR are reserved for manufactuer's  
>messages.

Hello,

I read some more about NMEA 183 and realized I made a mistake. I thought that the first two characters were used for the reserved messages. It is the first character. The RWI indicates, I believe that this unit is a RockWell International engine.

The other interesting thing is the response from the SA 4.0 software has a source address of II (Intergrated Instrument) so it looks like you have to send NMEA sentences for at least some commands. I do not see a listing for a GPQ sentence.

I would not be surprised if the "non-NMEA string" being sent on powerup

is a NMEA method of getting attention and the GPQ message is an acknowledgement. In that case it may be unusual, but following the NMEA standard would tend to run counter to the statements that the Tripmate Receiver could only run with SA 4.0.

Did I let the cat out of the bag? Maybe, but knowing this group someone would have figured it out.

73 Eric eac@shore.net

-----

Newsgroups: sci.geo.satellite-nav

Subject: Re: Delorme Tripmate GPS for SA 4.0

Date: 17 Nov 1996 02:39:12 GMT

In <328CE00F.68B9a@inmind.com>, Bob Martin <martin@inmind.com> writes:

> The CTS line goes false, turning off the power, the software or  
>the turning off or disconnecting the computer takes care of it.

Hello,

Actually I found that when the DTR line goes false (or disconnected) the receiver powers down.

I did some research based on the fact that the PRWIZCH and PRWIRID NMEA sentences were mentioned in the Rockwell protocol thread. I assume that RWI stands for Rockwell International. The thread mentions that ZCH stands for Zodiac Channel status.

Searching the Rockwell site turned up press releases from earlier this year about a 12 channel GPS receiver implemented with 2 ICs. It is called Zodiac and the evaluation board is named Jupiter. It is designed as a high-performance, low-cost GPS solution.

I noticed today looking at the NMEA output on power-up that the real-time clock is not used as the receiver always starts near 0000 utc. The receiver also uses all 12 channels to search for one satellite and starts at about PRN

16. It only searches each satellite for a couple of seconds. If it gets a "hit" it keeps the satellite on that channel and continues on. It looks like

this type of search ends when it gets the almanac. It also looks like the almanac is not stored as well as GSV sentences do not start get outputted

until after it receives the first satellite. It also starts outputting only one GSV message for the first satellite, then a while latter it starts outputting

2 or 3 GSVs with information for all satellites above the horizon.

The only question is what the IIGPQ sentence that is sent from the computer means. I know the II part means Intergrated Instrumentation.

73 Eric eac@shore.net

-----

73

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

-----

Date: Tue, 19 Nov 1996 10:11:56 -0800  
From: "Ken Mirabella" <kjm@deltanet.com>  
To: <aprssig@tapr.org>  
Subject: Re: Delorme Tripmaker GPS \$125.  
Message-ID: <199611191814.KAA03439@mail1.deltanet.com>

Bob - the heck with using the receiver... Let's figure out a way to use the map CD.

Now that is a challenge, I ordered my Street Atlas 4.0 over the weekend.

Weren't the Sproul's working on software to utilize this CD????

I would pay real money for a program like that!

73, KM6YH

-----

> From: Mark Humphrey <mark@y100.com>  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6550] Re: Delorme Tripmaker GPS \$125.  
> Date: Tuesday, November 19, 1996 9:02 AM  
>

> Charles W. Davidson wrote:  
>  
> > Does anyone have more info on this? At \$125 Tripmaker/GPS sounds too  
> > good to be true.  
> >  
>  
> As they say... "if it sounds too good to be true, it probably is." I  
> also received the DeLorme brochure in the mail yesterday, and it looked  
> interesting, but after checking their Web site, I noted the following:  
>  
> 1) Their GPS receiver is "not compatible with other GPS or mapping  
> applications", which probably means it's not putting out NMEA. (But the  
> Street Atlas 4.0 software will accept NMEA sentences, if you already own  
> a Garmin or other NMEA rcvr)  
>  
> 2) It looks like the receiver will only run on four AA batteries, which  
> need to be changed every 10-14 hours. There's no power switch, it's  
> controlled through the data port and turns on when you start the DeLorme  
> program (another clue that it's a proprietary data format) The first  
> thing I would want to do is modify the unit to run on external DC...  
>  
> 3) The special introductory offer was made to people on DeLorme's  
> mailing list, and may not be available in retail stores. They can  
> probably sell the thing cheap because they're getting a kickback from  
> Duracell and Energizer, hi!  
>  
> 4) Hey, if Bob can figure how to decode their format, maybe there's a  
> way to use the DeLorme receiver for APRS, with a portable PC to  
> "translate", but don't expect to use it in a standalone configuration...  
>  
> 73, Mark KE3XY  
> mark@y100.com  
>

-----

Date: Tue, 19 Nov 1996 13:21:59 -0500  
From: Gwyn Reedy <gwyn@paccomm.com>  
To: "'aprssid@tapr.org'" <aprssid@tapr.org>  
Subject: RE: Jupiter Rockwell GPS board  
Message-ID: <01BBD61C.A5AE1BE0@gwyn.paccomm.com>



M<F0` `` `` `` 7\$ `` 0 `` `` !8 `` `` !N]9&C5]<\_ [#10?a1T(#5`\$ %\*;S7` `` `>`!X,  
M`0` `` `` 4 `` `` !33510` `` `` `` !X` `PP!` `` `` \$0` `` `&=W>6Y <&%C8V]M;2YC;VT`  
M` `` `` `P`&\$ `` `;R6\$` `` `<0#&, `` `!X` `` `! !` `` `` `90` `` `` \$] .5%5%4T1!62Q.3U9%  
M34)%4C\$Y+#\$Y.38V.C\$X04TL1%)304U514Q'54-#24].15--5% Z4T=50T-)  
M3TY 3U543\$%.1\$140T-%1%574D]413I!3EE/3D5(14%21\$]&5\$A%2E4` `` ``  
M`a\$)\$ \$ `` `` #D`P` `` X , `` \$L` `` `!,6D9USU20R/\` `` `a\$/`A4"J 7K`H,`4 +R  
M"0(`8V&\*P'-E=#(W!&`&PP\*#,&/%`&!P<D)Q\$>)S=&5M`H,S-P+D!Q,"aS0\$  
M1A,S,2#;"%4"aS4\*QA3(-A+,#)^L9C<2QQ%U,!2V?0J BPC/"=D['-\\Q,Ca"  
Ma <\*a0VQ"V!N9S\$P,T\\44 L\*%6\$+\\2!/'Z!400I0<V1A>2P'LG^\*=A/a8a20  
M(#\$Y(B !(M Y-B V.C\$XM12P32(a1 7 !A!M"E!!`R!'=6-C:0(a90!;4TU4  
M4#IS9Q4DI\$ (8`0?P60N9 IT)+ N"8!U72!WZP-a\$] Z"H0^"T884aP!+F,`  
M01-0)T%CI4!;!;B)Y).\$a:&4+\$2!0`&8a="H0(\$IU<.9I\$] %P\$=0!?!&X"HR  
MQ&)Y!\_%C:W<D8 ,aAG4`D!\_a(&\$a6a1P60<P8R 1< 4a(!&Q/[\\\*A""<)^\\H  
M^20A\*?!A!"#[\*J(K82T!T"X\_+T\\H0#)\_\\S./\*,Q)("3P"8 JD00`;B "\$ 7  
M+2!3\*0 BH4PX;VMI+",1P#G0877Z;A#P+C50-G\\TGSM?/&\_] \*0<J0/)"#T,?  
M0]D^#S\\?^RC,( \_ N)!(DAPR"(^ D8\*QA=PK \*?!4!9!H`P#28P= ("8646TD  
M0 ,`CG0L\$ A0+)!E9V5\$[P-%\_RC,,S R+3<T>C\$R,#A.H R\$20\$Ca#.G\$> B  
M0 `a:" FX% "( : a2&EG:\$EP>4N?"TRO\*,U2!?!+,T)9E4]71")1<B/112 C  
M`OPP,5%\_4H] +UF06K];S\\]\$;R#)/8Xa;R!9!Y B(/\\JJCCQ+2 ?\$ "VA` ` D  
M\\ ,a\$%)%32 <X&-E:0]5H2<0\*Q!0<\$Y-14';\*F F\$' F\$\$a`5a20+!#U2a%E  
M2 ![,9\$M(!QP!^#6<&7a(J%S2U!E+> \$8ITB(&8QD 5 ` -!Q=00`WRL0)-\$B  
M(!' )K a"H0\*A=Y0` -!\*aF`"\*G!F!G\$L\\9\\K\$#&"+2 34!/a:75(0-Y0!3 D  
MT2Ia`Z!S`W I\\/\J<0AA+:!\*D020),!\* ,2MBURDA)N I<' -HC50JL0!P\_Q/0  
M8H M( 6a8H\$I< 6Q8=);`Z %X%aJ8 7 3W%!\* .YS,5(XT1\_a\*4a`.% #H,\\M  
M(&I !^ L<&5K!"!I=0\\#\\ "R1\$8 B8"TO(? %, "A]THa`F 'D7<MP!%P+1 L  
MD/MEX2Ja805 8Q=PD"N0\*?#0<#4XHG> \*J)4!1 &T\$M0/V^F.P5Y[PLH&F(A  
M44=W&GD#H%(XD2(15S%"W\$5,:2MI<3IB4G3a)- 7\$Y43( JR: ) <#H0="]W  
Ma\$ N"K DL\$J1+aMM\$6C\$?8&a`P`0\$ `` `` `` #`!\$0` `` `` \$ `!S aU.NK1-:[  
C`4 `` `` # aU.NK1-:[`1X`/0`!` `` `` !0` `` `` %).B `` `` `` T9P`  
`

end

-----  
Date: Tue, 19 Nov 1996 10:29:00 -0800  
From: "Ken Mirabella" <kjm@deltanet.com>  
To: <aprssig@tpr.org>  
Subject: Re: Trimble Antenna and GPS45  
Message-ID: <199611191831.KAA06431@mail1.deltanet.com>

I used a solder on RG-174 BNC connector. I had to ream out the center of the sleeve section with a drill to allow the slightly thicker cable to pass

through, but it works great and you don't need the special crimp tool.

I used an AMP brand connector.

73 all, KM6YH

-----

> From: Richard Amirault <amirault@laraby.tiac.net>  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6519] Re: Trimble Antenna and GPS45  
> Date: Monday, November 18, 1996 3:40 PM  
>  
> On Sun, 17 Nov 1996, Ronald Kramer wrote:  
>  
> (snip)  
> > I just cut the coax and put a bnc crimp on connector or and away we  
> > go...  
>  
> Well, it's not THAT easy...unless you happen to have a \$30 crimp tool  
handy.  
> I tried it without the proper tool without success. Think I might try  
> soldering instead.  
>  
> Richard Amirault                      N1JDU                      Boston, Massachusetts USA  
> amirault@tiac.net                      "Go Fly A Kite"  
>

-----

Date: Tue, 19 Nov 1996 10:55:52 -0700 (PDT)  
From: COMPTC95013@camins.Camosun.BC.CA  
To: aprssig@tapr.org  
Subject: Map conversion  
Message-ID: <01IC101JNOHU000053W@camins.Camosun.BC.CA>

Hello

Is anyone aware of a program that will convert .nos format navigational charts to the format used by the DOSAPRS program? Is anyone aware of a map used by the DOSAPRS of the Victoria, British Columbia area or of Northern Washington region. Thank you for your help.



Jennifer MacLean  
Camosun College  
comptec95013@camins.camosun.bc.ca

-----

Date: 19 Nov 1996 19:30:00 +0000  
From: "X.400\_Mail\_Gateway" <X400Postmaster@resonet.com>  
To: aprssig@tapr.org  
Subject: Delivery-Report (failure) for  
Message-ID: <ADMD=TELECOM.CANADA/C=CA/;UNGA-5904-4900@resonet.com>

--Tue Nov 19 14:37:47 1996 L1 185

This report relates to your message: (91)APRSSIG:6...

Your message was not delivered to:

/DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/C=CA/@resonet.com  
for the following reason:  
Transfer could not be initiated  
An invalid message parameter was encountered

The Original Message is not available

--Tue Nov 19 14:37:47 1996 L1 185  
content-type: message-delivery-status

Reporting-MTA: x400; mta MTA-1 in /PRMD=(null)/ADMD=TELECOM.CANADA/C=CA  
Arrival-Date: 19 Nov 1996 19:30:00 +0000  
DSN-Gateway: dns; resonet.com  
X400-Conversion-Date: 19 Nov 1996 14:37:47 -0500  
Original-Envelope-Id:  
[ /PRMD=RESONET/ADMD=telecom.canada/  
C=ca/;<Pine.GS0.3.95.961119125113.2697 ]  
X400-Content-Identifier: (91)APRSSIG:6...  
X400-Content-Type: P2-1984 (2)

Original-Recipient: rfc822; /DD.ID=john.langtry/O=RESONET/  
ADMD=TELECOM.CANADA/C=CA/@resonet.com  
Final-Recipient: x400; /DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/  
C=CA/  
Action: failure

Status: 5.5.2

Diagnostic-Code: x400; 1 (Unable-To-Transfer) / 11 (Invalid-Parameters)

X400-Last-Trace: 19 Nov 1996 19:10:00 +0000

X400-Originally-Specified-Recipient-Number: 1

--Tue Nov 19 14:37:47 1996 L1 185--

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End of APRSSIG Digest 774

\*\*\*\*\*

From aprssig@tapr.org Tue Nov 19 19:54:18 1996

Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP

id AA1630 ; Tue, 19 Nov 96 19:30:30 UTC

Received: from tapr.org (localhost [127.0.0.1]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id WAA17079; Tue, 19 Nov 1996 22:03:00 -0600 (CST)

Date: Tue, 19 Nov 1996 22:03:00 -0600 (CST)

Message-Id: <199611200358.WAA15075@magicnet.magicnet.net>

Reply-To: aprssig@tapr.org

Originator: aprssig@tapr.org

Sender: aprssig@tapr.org

Precedence: bulk

From: aprssig@tapr.org

To: aprssig@tapr.org

Subject: [APRSSIG:6595] APRSSIG digest 775

X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas

X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group

Status: R

## APRSSIG Digest 775

Topics covered in this issue include:

1) Another Live APRS Data Site!

by Steve Boyle <sboyle@netcom.com>

2) Re: \*\*\*\*\* Change in FTP Access on TAPR.ORG \*\*\*\*\*

by rkramer@merge1.mergetel.com (Ronald Kramer)

3) Re: Delorme Tripmaker GPS \$125.

- by Mark Sproul <sproul@ap.org>
- 4) AEA FOR SALE  
by bbliss@juno.com (William B. Bliss)
- 5) More soap  
by JOHN.LANGTRY@aresonet.com
- 6) APRS/Java ..  
by bbliss@juno.com (William B. Bliss)
- 7) Re: Delorme Tripmaker GPS \$125.  
by jkozak@erols.com (John W. Kozak)
- 8) OLD Maps!  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 9) Re: \*\*\*\*\* Change in FTP Access on TAPR.ORG \*\*\*\*\*  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 10) Re: Another Live APRS Data Site!  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 11) Re: More soap  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 12) Re: More soap  
by "John R. Moore" <w4ue@pobox.com>
- 13) More Killer Mail  
by rbost@itexas.net (Roy Bost)
- 14) Another Live APRS Data Site DOWN!  
by Steve Boyle <sboyle@netcom.com>
- 15) Re: latest version of KPC-3  
by MBoyce1856@aol.com
- 16) Killer mail revisited  
by "Thom Proehl" <tmproehl@nwlink.com>
- 17) Win95 Serial Port Problems  
by "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>
- 18) Re: GPS Antennas for the Garmin GPS  
by philkeys@olympus.net (Phil Keys)
- 19) Re: [Fwd: FTP Server Problem]  
by "Bruce W. Martin" <martinbw@telalink.net>
- 20) Re: OLD Maps!  
by John Baum <jbaum@freenet.columbus.oh.us>
- 21) Re: Delivery-Report (failure) for  
by Lee Walden <lwalden@ebmud.com>
- 22) Re: OLD Maps!  
by Lee Walden <lwalden@ebmud.com>
- 23) Re: X-APRS  
by Geoff Peacock <geoff@maf.mobile.al.us>
- 24) new email address  
by scott miller <ke6rke@telis.org>

- 25) help on digest mode  
by Dave Mar <74737.221aCompuServe.COM>
- 26) KILLER MAIL  
by rkramer@merge1.mergetel.com (Ronald Kramer)
- 27) WinAPRS V1.1.7  
by rbost@itexas.net (Roy Bost)
- 28) Re: AEA FOR SALE  
by Clifford Buttschardt <cbuttsch@slonet.org>
- 29) Re: GPS Antennas for the Garmin GPS  
by joefoor@digitalexp.com (Foor, Joe)
- 30) Re: WinAPRS V1.1.7  
by Paul Stump <n01rf@computer-services.com>
- 31) Re: Win95 Serial Port Problems  
by "Aaron Morrison" <ae4ko@magicnet.net>

-----  
Date: Tue, 19 Nov 1996 11:37:08 -0800  
From: Steve Boyle <sboyle@netcom.com>  
To: aprssig@tapr.org  
Subject: Another Live APRS Data Site!  
Message-ID: <32920C64.1306@netcom.com>

Bruce W. Martin wrote:

> The MacAPRS 2.6.7 has a Receive Only TNC option that is designed to  
connect  
> with telnet nodes like "www.wa4dsy.radio.org:14579" using TCP/IP. This  
works  
> great. I use it to check how local stations, in Nashville, are propagating  
to  
> Atlanta. I would love to see this technology expanded to other cities. I  
would  
> also like to see a server that would consolidate all the cities to one  
node.  
>

Well, sometimes when you ask you may just get it. Try connecting to:

sboyle.slip.netcom.com:14579

This is my beta site for a Win95 Live Internet Data Service(LIDS) for  
APRS. Its up most of the time serving packets from the south San

Francisco bay area.

ALSO try -> <http://sboyle.slip.netcom.com/LIDSAPRS.html>

This is a HTML page using Steve Dimse's JavAPRS applet connecting to the same server.

There is a "Master Node" server and other goodies in the works. Stay tuned!

Steve  
KD6WXD

-----  
Date: Tue, 19 Nov 1996 20:51:37 GMT  
From: rkramer@mergetel.com (Ronald Kramer)  
To: aprssig@tapr.org  
Cc: aprssig@tapr.org  
Subject: Re: \*\*\*\*\* Change in FTP Access on TAPR.ORG \*\*\*\*\*  
Message-ID: <32921d49.14171473@mail.mergetel.com>

On Tue, 19 Nov 1996 11:38:21 -0600 (CST), you wrote:  
>\* File names can only use the characters "A-Z", "a-z", ".", "-", and =  
" \_".  
>-----  
>Greg Jones, WD5IVD

Greg does this mean that filenames with number's in them can not be  
uploaded ?? such as APRS76.ZIP or 76T077EE.ZIP or 76EEXE.ZIP  
I hope not....

73 de Ron  
Email: rkramer@mergetel.com      ve3mx@mergetel.com  
Packet: ve3mx@ve3snp

-----  
Date: Tue, 19 Nov 1996 15:11:35 -0500  
From: Mark Sproul <sproul@ap.org>

To: aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125.  
Message-ID: <v03007803aeb7c484f112a[165.1.27.20]>

>Bob - the heck with using the receiver... Let's figure out a way to use  
>the map CD.  
>  
>Now that is a challenge, I ordered my Street Atlas 4.0 over the weekend.  
>  
>Weren't the Sproul's working on software to utilize this CD????  
>

No, the Delorme Street Atlas is VERY PROPRIATARY, we did ask them about it  
years ago and they almost threatened to take us to court for even thinking  
about it.

Precision Mapping on the other hand is much more corropitive, I have the  
stuff from them but it will be a while before it is done. Please don't hold  
your breath, there are too many other things with higher priority.

Mark

---

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
<a href="http://msproul.rutgers.edu/">http://msproul.rutgers.edu/</a>	

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Date: Tue, 19 Nov 1996 15:51:30 EST  
From: bbliss@juno.com (William B. Bliss)  
To: aprssig@tapr.org  
Cc: ddoobbins@juno.com  
Subject: AEA FOR SALE  
Message-ID: <19961119.124950.2431.0.bbliss@juno.com>

ALL SIGGERS.....

Just got off phone with front office at AEA,  
Lynwood, WA.

Gal stated:

QUOTE: AEA is not NOT , going out of business,  
it is UP FOR SALE , only..  
Full customer SERVICE is still available. Again FOR SALE  
not going out of business... UNQUOTE.

Saw the same (out of business) statement on Packet  
BBS, how do false statements get spread so much...

Dave if u want, confirm this, in ur area.....

73's & Enjoy, Bill/WB6LPG....

NNNN

-----

Date: 19 Nov 1996 21:05:00 +0000  
From: JOHN.LANGTRY@aresonet.com  
To: aprssig@tapr.org  
Subject: More soap  
Message-ID: <"NNGA-8514-4900\*/0=ENVOY

My turn, Bob ! (And I agree, I can live without those port definations  
just fine, thank you.)

Okay, my bit of soap. Please folks, as the interest in APRS grows,  
30 M is getting busy, so we need to make the best use of the limited  
bandwith we have. (That's the LAW up here, by the way.)

So please, unless there is a U.S. law that requires an Ident other than  
that provided by APRS, TURN YOUR HID OFF.

I know its only one string that comes every 10 minutes, but with all of  
us on there, it adds up.

Okay, I'll now turn the soap box over to give some one else a turn

vy 73 to you all, de John VE3NEC (john.langtry@aresonet.com)

-----

Date: Tue, 19 Nov 1996 16:11:45 EST  
From: bbliss@juno.com (William B. Bliss)  
To: aprssig@tapr.org  
Subject: APRS/Java ..  
Message-ID: <19961119.131039.2431.1.bbliss@juno.com>

Hi Siggers..

Want to be able to copy the active APRS area maps, by APR,  
ATLANTA, N2CZF and now our local Bay Area as mentioned on  
sig., "LIDS for APRS"

My Windows is Ver.3.11, PackBell Pentium Force 341CD, with  
Netscape Gold V3., for 16bit machines..

Have downloaded the Win32S version designated PW1118.exe  
2,471kb, but have not tried to load it into system.

Have tried all of the JavaAPRS sites, and told V3.11 to read Java  
but I always get foll:

" Sorry, your browser isn't Java compatable! ".....

Have been told Win32s and Ver3.11 don't get along and don't load  
it, unless you have Win95.. With havin Pentium chip, been told  
wont make any difference , will still work ok for JavaAPRS ..

Anyone please, give me straight skinny... Do I have to have  
Win95/Win32s.. to read our APRS active map units.. ????? Am  
just a poor operator, not a computer expert, many terms over  
my head...

Thanks for any help, comments, suggestions. No flames pls..

73's & Enjoy, Bill/WB6LPG bbliss@juno.com

NNNN



-----  
Date: Tue, 19 Nov 1996 16:20:03 -0500 (EST)  
From: jkozak@erols.com (John W. Kozak)  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125.  
Message-ID: <199611192120.QAA01161@smtp1.erols.com>

>Bob - the heck with using the receiver... Let's figure out a way to use  
>the map CD.  
>Now that is a challenge, I ordered my Street Atlas 4.0 over the weekend.  
>Weren't the Sproul's working on software to utilize this CD????  
>I would pay real money for a program like that!  
>  
>73, KM6YH  
>

That brings up a question that I have. With all the talk about maps, I have a mapping program on CD called Key Master Maps. They are nice maps and more detailed than the Automap Pro maps (at least where I live), but the publishers don't even know what a GPS is. I would love to be able to use them in the car with my GPS without buying any MORE mapping programs, but I know nothing about converting things like that. Is anyone familiar with this mapping program and is this a realistic possibility with APRS?

John Kozak, N3AGG  
jkozak@erols.com

-----  
Date: Tue, 19 Nov 1996 16:51:58 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: OLD Maps!  
Message-ID: <Pine.GS0.3.95.961119164359.7933A-100000@arctic>

I just discovered some old maps drawn to the old 1000 pt max limit:

CASanFrn.map  
CAGilroy.map

CA0bisbo.map

There may be lots more in other areas of the country.

I am sure you guys out there have better maps than this. Is W7KKE listening? What 3000 point map should I put in to replace these...? These are in my Wmapsxx.zip disto and pointed to by my MAPLIST.WES.

I havent updated my distro in over a year, so You guys have to update me when you get local better maps. But I cant fill my disks with high detail 100k maps either. Tell me what to do.

Similarly there are probably lots of old maps out there. If your area only gets a sparse map of under 1000 points, be sure to tell me. I am trying to weed out the old sparse maps... when I find them..

See APRS LIVE:

<http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Tue, 19 Nov 1996 16:58:51 -0500 (EST)

From: Bob Bruninga <bruninga@nadn.navy.mil>

To: aprssig@tapr.org

Subject: Re: \*\*\*\*\* Change in FTP Access on TAPR.ORG \*\*\*\*\*

Message-ID: <Pine.GS0.3.95.961119165738.7933C-100000@arctic>

On Tue, 19 Nov 1996, Greg Jones, WD5IVD wrote:

> Based on messages posted after I posted the first version of the message  
> below, doesn't look like everyone read the message. So, here is a  
shorter

> \* File names can only use the characters "A-Z", "a-z", ".", "-", and "\_".

APRSDos REPLY/COMMENT: Please tell me that this is a typo and the the numerals 0-9 may also be included in file names?

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Tue, 19 Nov 1996 17:20:25 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: Another Live APRS Data Site!  
Message-ID: <Pine.GS0.3.95.961119171509.7933F-100000@arctic>

> Bruce W. Martin wrote:  
> > The MacAPRS 2.6.7 has a Receive Only TNC option that is designed for  
> > telnet nodes like "www.wa4dsy.radio.org:14579" using TCP/IP....  
>  
> Steve Boyle Replied.... Try connecting to:  
>  
> sboyle.slip.netcom.com:14579  
>  
> This is my beta site for a Win95 Live Internet Data Service(LIDS) for  
> APRS. It serving packets from the south San Francisco bay area.

APRSDOS REPLY/COMMENT: If you can access your telnet services in dumb terminal mode, then you can use APRSDOS also by going to the OPS-COMM-TNC screen with a modem in place of your TNC, and then use the dumb terminal screen to log onto your telnet host. Then when the data starts streaming do an alt-X instead of the usual ESC to get back into APRS... and you will begin to see the data plotted...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Tue, 19 Nov 1996 17:25:14 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: More soap  
Message-ID: <Pine.GS0.3.95.961119172346.7933H-100000@arctic>

On Tue, 19 Nov 1996 JOHN.LANGTRY@aresonet.com wrote:

> Okay, my bit of soap. Please folks, as the interest in APRS grows,  
> 30 M is getting busy, so we need to make the best use of the limited  
> bandwidth we have. So please, unless there is a U.S. law that requires  
> an Ident other than that provided by APRS, TURN YOUR HID OFF.

APRSdos REPLY/COMMENT: I agree completely! If you have special SSID's put those in your STATUS beacon. I think i'll put HID OFF in the init files...

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Tue, 19 Nov 1996 22:22:51 -0500  
From: "John R. Moore" <[w4ue@pobox.com](mailto:w4ue@pobox.com)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Re: More soap  
Message-ID: <3292798B.35DFa@pobox.com>

I am fairly new to APRS but have been observing and reading the sig. I am running a Gateway on 30M. Would be interested if I have it set up right or opinions as to how it should be set up. So you that are copying it let me know.

John W4UE

--

ARRL 1997 National Convention Information  
<http://www.pobox.com/~w5huq/hamfests.html>

Orange Park Amateur Radio Club Information  
<http://www.pobox.com/~w5huq>

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Date: Tue, 19 Nov 1996 16:22:45 -0600  
From: [rbost@itexas.net](mailto:rbost@itexas.net) (Roy Bost)  
To: "APRS SIG" <[aprssig@tapr.org](mailto:aprssig@tapr.org)>  
Subject: More Killer Mail  
Message-ID: <19961119222311913.AAA135a@rbost.itexas.net>

Look out it's back! Message #6564 stopped my IE Mail program dead in its tracks.

It appears to be the same message from last week...a Delivery Report from the X400 Mail Gateway. Same individual is not getting his mail! Running a back-up Mail program has sure saved a lot of grief!!! :-)

Roy Bost, N5TAM  
Granbury, Tx.  
rbost@itexas.net  
32 25' 33"N 97 48' 59"W

-----  
Date: Tue, 19 Nov 1996 14:32:40 -0800  
From: Steve Boyle <sboyle@netcom.com>  
To: aprssig@tapr.org  
Subject: Another Live APRS Data Site DOWN!  
Message-ID: <32923587.5648@netcom.com>

Bad news!

I will be taking the San Francisco Bay LIDS-APRS server down untill  
futher notice. The power has been going up and down like a yo-yo because  
of the high winds. I do not have a UPS yet.

I will let the SIG know when it is up and running.

Sorry.

Steve  
KD6WXD

-----  
Date: Tue, 19 Nov 1996 17:46:42 -0500  
From: MBoyce1856@aol.com  
To: aprssig@tapr.org  
Subject: Re: latest version of KPC-3  
Message-ID: <961119174641\_738720886@emout17.mail.aol.com>

Been running Kantronics tnc KPC-3 for 6 months +. Version 6.0 and HAS GPS  
support. Unless there is a minor version revision, this is supposed to be  
the  
latest that Kantronics is selling.

Mike Boyce / K0COY

k0coy@amsat.org

-----

Date: Tue, 19 Nov 1996 14:53:34 -0800  
From: "Thom Proehl" <tmproehl@nwlink.com>  
To: <aprssig@tapr.org>  
Subject: Killer mail revisited  
Message-ID: <199611192253.0AA16406@montana.nwlink.com>

It was asked recently if we could get a message number of a message that caused an Email program to crash (IE especially).  
Today mine hung up on # 6564. I was able to retrieve mail with netscape to get the following header info

Subject:  
    [APRSSIG:6564] Delivery-Report (failure) for  
Date:  
    Tue, 19 Nov 1996 13:36:25 -0600 (CST)  
From:  
    "X.400\_Mail\_Gateway" <X400Postmaster@resonet.com>

Hope this is of help.

Thom / kc7fzo  
tmproehl@nwlink.com

-----

Date: Tue, 19 Nov 1996 16:05:00 -0800 (PST)  
From: "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>  
To: APRS <aprssig@tapr.org>  
Subject: Win95 Serial Port Problems  
Message-ID: <32923B56@gismtpgate.gi.com>

I'm brand new to this SIG and APRS, so please try to take it easy on me...

I have 7.7b on my PS/1 running Win 95. I can't, for the life of me, get APRS to open a comm port to my TNC. Other DOS-based programs seem

to do all right (I talked to the TNC via Procomm Plus, NOT the Win kind.)  
I'm not really a big-time PC guru but I usually don't have this kind of  
trouble  
since I read doc files VERY carefully before jumping in.

What am I missing?

Thanks

Dave Borchert K7NG  
dborchert@nognmail.gi.com

-----  
Date: Tue, 19 Nov 1996 15:28:43 -0800 (PST)  
From: philkeys@olympus.net (Phil Keys)  
To: aprssig@tapr.org  
Subject: Re: GPS Antennas for the Garmin GPS  
Message-ID: <v01510100aeb07b970889a[198.133.237.38]>

The connector on the miniature Garmin GPS antenna from PacComm is an SMB.  
You can either cut it off and install a BNC connector or you can make an  
adapter from a SMB jack, a short piece of RG-174 coax and an BNC male plug.  
Contrary to common usage, SMB plugs are female and jacks are male.  
Therefore SMB connectors are designated as plugs and jacks instead of male  
and female.

The SMB jack is AMP 414091-3, crimp, Allied Electronics 512-2570, \$7.06.  
The BNC plug is Amphenol 69475, Mil clamp, Allied Electronics 713-9828,  
\$7.38.

Allied's order number is (800) 433-5700. Their minimum order is \$25.

-----  
philkeys@pt.olympus.net (Phil Keys) KJ7ET Jeff Co Search & Rescue  
Software Consultant - specializing in software safety & SQA  
Port Hadlock, WA 98339-9720 (360) 379-8650 122 44.0W 48 02.0N  
-----

Date: Tue, 19 Nov 1996 17:56:48 -0600  
From: "Bruce W. Martin" <martinbw@telalink.net>  
To: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>, aprssig@tapr.org  
Subject: Re: [Fwd: FTP Server Problem]  
Message-ID: <9611191756.AA48714@oscar.telalink.net>

```
> >The MacAPRS 2.6.7 has a Receive Only TNC option that is designed
> >to connect with telnet nodes like "www.wa4dsy.radio.org:14579" using
> >TCP/IP. This works great. I use it to check how local stations,
> >in Nashville, are propagating to Atlanta. I would love to see
> >this technology expanded to other cities. I would
> >also like to see a server that would consolidate all the cities to
> >one node.
```

```
> I am willing. Now what? The cookbook says: take a Mac (got it), add
> a TNC and antenna (got it), connect to "x" (no, I don't know that
> part), run Vers
> 2.6.7 receive mode (got that), ...
```

> Is it possible that you could enlighten me?

```
> ////////////////////////////////////////////
> Larry M. Keeran K9ORP    IS Data Processing Equip Tech    k9orp@tapr.org
> EC McLean Co-CIPRUS,Inc-PresCIRC-VP QCWA-Life ARRL-APRSM-APRS-TAPR#762
> ////////////////////////////////////////////
>
```

I am not sure what you are asking for. If it is how to connect via TCP/IP you need an internet connection (ethernet, PPP, SLIP, etc.) and the TGE TCP tool for the communications toolbox written by Tim Endres (check shareware.com for a copy). Set the MacAPRS communications settings selecting the TGE TCP tool, set host as [www.wa4dsy.radio.org](http://www.wa4dsy.radio.org) on port 14579, select telnet with terminal type of vt100. No TNC or Radio needed.

If you asking about setting up an TCP/IP telnet node, that is a configuration that Dale (WA4DSY) has come up with and is still experimenting with it. I think it runs on a 486 running OS/2. Dale set this up to provide data for Steve's (K04HD) JavAPRS project (if i got this wrong, someone please forgive



and correct me). Several months ago Dale said that when the technology matured he would release information on how to set up a node and would probably set up a consolidation node (consolidating the input from several nodes into one connection). I have not heard anything since.

Hope this helps,

Bruce

--

```
*****
* Bruce W. Martin           Internet: martinbw@telalink.net *
* 4558 Brooke Valley Dr.    HAM Call: KQ4TV                 *
* Hermitage TN 37076-2650   Voice: (615) 872-7733          *
* FAX/MODEM: (615) 872-0045 APRS:3610.50N/08635.50W         *
* "Being a Mac user is like being a Navy SEAL: a small, elite *
* group of people with access to the most sophisticated      *
* technology in the world, who everyone calls on to get the  *
* really tough jobs done quickly and efficiently."           *
* -- Nick Lehmann                                               *
*****
```

-----

Date: Tue, 19 Nov 1996 19:13:57 -0500 (EST)  
From: John Baum <jbaum@freenet.columbus.oh.us>  
To: Bob Bruninga <bruninga@nadn.navy.mil>  
Subject: Re: OLD Maps!  
Message-ID: <Pine.3.07.9611191955.A5176-a100000a@login>

On Tue, 19 Nov 1996, Bob Bruninga wrote:

> I havent updated my distro in over a year, so You guys have to update me  
> when you get local better maps. But I cant fill my disks with high  
> detail 100k maps either. Tell me what to do.

Gee Bob, 90% of my Ohio maps are the 1000 Pt type maps. (seems like they redraw faster on the 8088 & 286's some people still use for APRS). About the only updating I'm planning on most of these maps will be adding

symbols to pinpoint specific town centers, airports, etc. If I ever get into the 20th century and start mapping the new fangle way, I'll let you know.

John Baum - KB8JX0 - The Ohio Map Maker (Yes, I'm still alive, but barely)  
Cruise Missile Address: 39 56.35 N 082 58.89 W  
Semi-Co-owner of HOOT - Columbus Ohio's BiWeekly Humor Newspaper

-----  
Date: Tue, 19 Nov 1996 16:25:17 -0800  
From: Lee Walden <lwalden@ebmud.com>  
To: aprssig@tapr.org  
Subject: Re: Delivery-Report (failure) for  
Message-ID: <1.5.4.32.19961120002517.00676744@ebmud.com>

Would somone please remove this person from the mail system. I'm tired of these messages killing my Internet mail program.

-----snip-----

> report relates to your message: (91)APRSSIG:6...  
>  
>Your message was not delivered to:  
> /DD.ID=john.langtry/0=RESONET/ADMD=TELECOM.CANADA/C=CA/@resonet.com  
> for the following reason:  
> Transfer could not be initiated  
> An invalid message parameter was encountered  
>  
>The Original Message is not available  
>  
-----snip-----

-----  
Date: Tue, 19 Nov 1996 16:32:06 -0800  
From: Lee Walden <lwalden@ebmud.com>  
To: aprssig@tapr.org  
Subject: Re: OLD Maps!

Message-ID: <1.5.4.32.19961120003206.0067b578@ebmud.com>

Bob, the guys here in S.F. also want to know why the Calif maps haven't been included in the distribution versions for awhile. Also there are a lot of spelling errors on the bay area maps.

At 03:57 PM 11/19/96 -0600, you wrote:

>I just discovered some old maps drawn to the old 1000 pt max limit:

>

>CASanFrn.map

>CAGilroy.map

>CAObisbo.map

>

-----

Date: Tue, 19 Nov 1996 18:42:38 -0600 (CST)

From: Geoff Peacock <geoff@mafi.mobile.al.us>

To: aprssig@tapr.org

Subject: Re: X-APRS

Message-ID: <Pine.SOL.3.91.961119184217.27914E-100000ans1>

Add another to the linux list.

Geoff Peacock

Mobile Area Free-Net, Inc.

'''

(o o)

o00\_\_ ( ) \_\_00o

-

geoff@mafi.mobile.al.us

(334) 405-4600

-----

Date: Tue, 19 Nov 1996 17:53:29 -0700

From: scott miller <ke6rke@telis.org>

To: listserv <listserv@tapr.org>, aprssig <aprssig@tapr.org>,

Subject: new email address

Message-ID: <32925688.459F@telis.org>

I'm sorry but scottm@telis.org no longer exists.

I lost my www access before I could unsubscribe.

I am now ke6rke@telis.org , I will take care of re subscribing.

--

Scott Miller KE6RKE in Tahoe City

-----

Date: 19 Nov 96 20:12:03 EST  
From: Dave Mar <74737.221@CompuServe.COM>  
To: APRS Sig <APRSSIG@tapr.org>  
Subject: help on digest mode  
Message-ID: <961120011202\_74737.221\_EHL143-3@CompuServe.COM>

OK. having a brain fart here.

What is the command to get my APRS sig posts in digest format?

A haven't done this in so long I just forgot!  
thanks, dave N0XLW

-----

Date: Wed, 20 Nov 1996 02:24:49 GMT  
From: rkramer@mergetel.com (Ronald Kramer)  
To: aprssig@tapr.org  
Subject: KILLER MAIL  
Message-ID: <32a76b17.2756188131@mail.mergetel.com>

The offending messages are being return from ISP of=20  
VE3NEC john.langtry@areonet.com see following:

John.. U or UR ISP is causing major problems with the listserver  
at TAPR

!!=  
!!

your messsages are being bounced back and causing some users  
to have their mail lost because of it, if you have been following the=20  
list the last couple of day's about killer messages it is your ISP  
doing it, its bouncing messages origionated from you back to TAPR  
and when these bounced message back and TAPR sends the bounce  
info back out to the sig MSIE mail prgram locks Their ISP and their=20  
mail system up and thier mail buffer has to be dumped as a resault.  
I have seen these messages in the past about this.....

Is not a problem for me but just thought I would let you know what is happening and see if you can correct it..  
73 de Ron VE3MX, will try and attach or include a copy of the offending message with this message.....

On Tue, 19 Nov 1996 15:12:52 -0600 (CST), you wrote:

>  
>My turn, Bob ! (And I agree, I can live without those port definations  
>just fine, thank you.)  
>  
>Okay, my bit of soap. Please folks, as the interest in APRS grows,  
>30 M is getting busy, so we need to make the best use of the limited  
>bandwith we have. (That's the LAW up here, by the way.)  
>  
>So please, unless there is a U.S. law that requires an Ident other than  
>that provided by APRS, TURN YOUR HID OFF.  
>  
>I know its only one string that comes every 10 minutes, but with all of  
>us on there, it adds up.  
>  
>Okay, I'll now turn the soap box over to give some one else a turn  
>  
>vy 73 to you all, de John VE3NEC (john.langtry@aresonet.com)  
>  
P.S. I see that you use lower case for your mail address but  
I notice that the bounce is because the mailer send it to upper=20  
case, automatically.... this may be causing part of the problem.

copy of OFENDING message.....

To: aprssig@tapr.org  
Subject: [APRSSIG:6564] Delivery-Report (failure) for  
=46rom: "X.400\_Mail\_Gateway" <X400Postmaster@aresonet.com>  
Date: Tue, 19 Nov 1996 13:36:25 -0600 (CST)

--Tue Nov 19 14:37:47 1996 L1 185

This report relates to your message: (91)APRSSIG:6...

Your message was not delivered to:

/DD.ID=3Djohn.langtry/O=3DRESONET/ADMD=3DTELECOM.CANADA/C=3DCA/aresonet.c=om

for the following reason:

Transfer could not be initiated

An invalid message parameter was encountered

The Original Message is not available

--Tue Nov 19 14:37:47 1996 L1 185

content-type: message-delivery-status

Reporting-MTA: x400; mta MTA-1 in

/PRMD=3D(null)/ADMD=3DTELECOM.CANADA/C=3DCA

Arrival-Date: 19 Nov 1996 19:30:00 +0000

DSN-Gateway: dns; resonet.com

X400-Conversion-Date: 19 Nov 1996 14:37:47 -0500

Original-Envelope-Id:

[/PRMD=3DRESONET/ADMD=3Dtelecom.canada/C=3Dca/;<Pine.GS0.3.95.96111912511=3.2697]

X400-Content-Identifier: (91)APRSSIG:6...

X400-Content-Type: P2-1984 (2)

Original-Recipient: rfc822;

/DD.ID=3Djohn.langtry/O=3DRESONET/ADMD=3DTELECOM.CANADA/C=3DCA/aresonet.c=om

=46inal-Recipient: x400;

/DD.ID=3Djohn.langtry/O=3DRESONET/ADMD=3DTELECOM.CANADA/C=3DCA/

Action: failure

Status: 5.5.2

Diagnostic-Code: x400; 1 (Unable-To-Transfer) / 11

(Invalid-Parameters)

X400-Last-Trace: 19 Nov 1996 19:10:00 +0000

X400-Originally-Specified-Recipient-Number: 1

--Tue Nov 19 14:37:47 1996 L1 185--

73 de Ron

Packet: ve3mx@ve3snp

Roy Bost, N5TAM  
Granbury, Tx.  
rbost@itexas.net  
32 25' 33"N 97 48' 59"W

On Tue, 19 Nov 1996, William B. Bliss wrote:

> ALL SIGGERS.....  
>  
> Just got off phone with front office at AEA,  
> Lynwood, WA.  
> Gal stated:  
>  
> QUOTE: AEA is not NOT , going out of business,  
> it is UP FOR SALE , only..  
> Full customer SERVICE is still available. Again FOR SALE  
> not going out of business... UNQUOTE.  
>  
> Saw the same (out of business) statement on Packet  
> BBS, how do false statements get spread so much...  
>  
> Dave if u want, confirm this, in ur area.....  
>  
> 73's & Enjoy, Bill/WB6LPG....  
>  
> NNNN  
>  
>  
>

-----

Date: Tue, 19 Nov 1996 21:45:32 -0600  
From: joefoor@digitalexp.com (Foor, Joe)  
To: aprssig@tapr.org  
Subject: Re: GPS Antennas for the Garmin GPS  
Message-ID: <19961120034507087.AAG169@dial-02.marianna.fl.digitalexp.com>

>The connector on the miniature Garmin GPS antenna from PacComm is an SMB.  
>You can either cut it off and install a BNC connector or you can make an  
>adapter from a SMB jack, a short piece of RG-174 coax and an BNC male plug.

I had to make adapters for those type of connectors, several times while  
on active duty. I finally settled on using a panel mount SMB, soldered  
to the cable clamp compression nut, on the BNC connector.

You start by cutting a piece of awg14 solid copper. Trim it and file the  
ends to exactly fit both connectors and solder it between the SMB and



the center pin of the BNC. Then solder the connector body to the nut.  
Assemble the adaptor with a pair of wrenches. You end up with an adaptor  
that is physically robust and does not cause impedance problems.

regards,  
Joe kf4dys

-----  
Date: Tue, 19 Nov 1996 21:52:58 -0600  
From: Paul Stump <n0lrfa@computer-services.com>  
To: aprssig@tapr.org  
Subject: Re: WinAPRS V1.1.7  
Message-ID: <1.5.4.16.19961119215109.1c3f7dbc@computer-services.com>

At 08:28 PM 11/19/96 -0600, you wrote:  
>Did I miss something on the instruction side or is the ProtoPath list in  
>v1.1.7 of WinAPRS not working?  
>

I think he said it comes up, but is not implemented yet. Mine  
does not show anything either. Think its under construction...

REALLY like the improvements, Mark/Keith. Please keep them coming.

very 73,

Paul, N0LRF

-----  
Date: Tue, 19 Nov 1996 22:58:04 -4  
From: "Aaron Morrison" <ae4ko@magicnet.net>  
To: "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>, aprssig@tapr.org  
Subject: Re: Win95 Serial Port Problems  
Message-ID: <199611200358.WAA15075@magicnet.magicnet.net>

> Date: Tue, 19 Nov 1996 17:18:51 -0600 (CST)  
> Reply-to: aprssig@tapr.org  
> From: "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6581] Win95 Serial Port Problems

>  
> I'm brand new to this SIG and APRS, so please try to take it easy on  
> me...  
>  
> I have 7.7b on my PS/1 running Win 95. I can't, for the life of me,  
> get APRS to open a comm port to my TNC. Other DOS-based programs  
> seem to do all right (I talked to the TNC via Procomm Plus, NOT the  
> Win kind.) I'm not really a big-time PC guru but I usually don't  
> have this kind of trouble since I read doc files VERY carefully  
> before jumping in.  
>  
> What am I missing?  
> Thanks

Make sure APRS is using the same settings as the other comm programs  
that \_can\_ talk to the TNC.

For example, make sure that APRS is set for the correct COM port and,  
just as important, that APRS is set for the DTE rate (baud rate) of the  
TNC; such as, 4800bps or 9600bps. Most TNC's allow setting of the  
DTE rate just after a hard reset.

>  
> Dave Borchert K7NG  
> dborchert@nognmail.gi.com

--  
ae4ko@magicnet.net "I drank what?" - Last words of Socrates.  
<http://www.magicnet.net/~ae4ko/home.html>  
Orlando, FL

-----  
End of APRSSIG Digest 775  
\*\*\*\*\*

From aprssig@tapr.org Wed Nov 20 16:16:23 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1632 ; Wed, 20 Nov 96 15:42:25 UTC

Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id QAA12198; Wed, 20 Nov 1996 16:24:47 -0600  
(CST)  
Date: Wed, 20 Nov 1996 16:24:47 -0600 (CST)  
Message-Id: <2.2.32.19961120222015.0073c0c4@winning-edge.com>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6626] APRSSIG digest 776  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Content-Type: text/plain; charset="us-ascii"  
X-Mailer: Windows Eudora Pro Version 2.2 (32)  
Status: R

#### APRSSIG Digest 776

Topics covered in this issue include:

- 1) Re: APRSSIG digest 775  
by "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
- 2) APRS Software Download Areas on TAPR.ORG  
by "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
- 3) Re: Delivery-Report (failure) for  
by "John W.(Bill) Hays - w0omv" <billh@netins.net>
- 4) Re: Killer mail revisited  
by George Salinas <saltair@hargray.com>
- 5) MacAPRS 2.6.7  
by "Ronald G. Parsons" <w5rkn@amsat.org>
- 6) Re: latest version of KPC-3  
by Mark Fellhauer <sparkfel@primenet.com>
- 7) Re: APRS in BACKGROUND  
by morganb@inetport.com (Robert B. Morgan)
- 8) Old Maps  
by bbliss@juno.com (William B. Bliss)
- 9) APRS Killeen  
by Tommie Taylor <tomcmugs@n-link.com>
- 10) Question  
by Scott <scott@ia.net>
- 11) javAPRS and TIGER Maps

by Steve Dimse <sdimse@bridge.net>  
12) Re: OLD Maps!  
by Bob Bruninga <bruninga@nadn.navy.mil>  
13) Re: APRS/Java ..  
by MARLEY@LU.LINCOLN.EDU  
14) Re: APRS/Java ..  
by schiers@ames.net  
15) Re: Unproto list in WinARPS 1.1.7  
by Mark Sproul <sproul@ap.org>  
16) Re: MacAPRS 2.6.7  
by Mark Sproul <sproul@ap.org>  
17) Re: Unproto list in WinARPS 1.1.7  
by "John B. Leonard, Jr" <jleonard@tbcnet.com>  
18) KILLER MAIL  
by JOHN.LANGTRY@aresonet.com  
19) Re: latest version of KPC-3  
by rbeckett@Schwab.COM  
20) Re: APRS Killeen  
by David Eaton <deeaton@gte.net>  
21) Latest pcMAPS  
by Bob Bruninga <bruninga@nadn.navy.mil>  
22) Re: transparent icons  
by "John W.(Bill) Hays - w0omv" <billh@netins.net>  
23) Re: transparent icons  
by Mark Sproul <sproul@ap.org>  
24) Revise latest PCMaps  
by Bob Bruninga <bruninga@nadn.navy.mil>  
25) KILLER mail  
by rkramer@merge1.mergetel.com (Ronald Kramer)  
26) Kantronics URL  
by Larry Griffin <largriff@swta.com>  
27) Linux  
by Don Hilman <hilman@camosun.bc.ca>  
28) Re: latest version of KPC-3  
by "Alan K. Unangst" <alanwc7r@primenet.com>  
29) Re: Delorme Tripmaker GPS \$125.  
by Jim Conrad <jjc@infi.net>  
30) Renaming of an APRS directory  
by Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>  
31) Delorme Tripmaker GPS \$125 vs \$179  
by "Larry P. Thomas WA0GWA" <lpthomas@winning-edge.com>

---

Date: Tue, 19 Nov 1996 22:41:40 -0600  
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
To: aprssig@tapr.org  
Subject: Re: APRSSIG digest 775  
Message-ID: <v0300780daeb83b0745fca[128.83.253.75]>

Has anyone tested it ?

Don't answer :-)) I just did and it takes filenames with 0-9 just fine.

The information below was just copied from the message Lee posted, so he just left them out. Anyway, I think it is a matter of what is disallowed more than what is allowed.

Since I believe Bob has also uploaded the E and EE files since the change and they are both there okay, I think we can include 0-9 as a element in a file name. Anyway, Bob should now have full access to his area on the ftp site for the APRSdos uploads.

Cheers - Greg

On Tue, 19 Nov 1996 11:38:21 -0600 (CST), you wrote:

>\* File names can only use the characters "A-Z", "a-z", ".", "-", and =  
" \_".

>-----

>Greg Jones, WD5IVD

Greg does this mean that filenames with number's in them can not be uploaded ?? such as APRS76.ZIP or 76T077EE.ZIP or 76EEXE.ZIP  
I hope not....

73 de Ron

Best Regard

Email: rkramer@mergetel.com

ve3mx@mergetel.com

Packet: ve3mxave3snp

-----

Greg Jones, WD5IVD

Austin, Texas

wd5ivd@tapr.org

<http://www.tapr.org/~wd5ivd>

-----

-----

Date: Tue, 19 Nov 1996 23:00:52 -0600  
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
To: "APRS SIG list mailing" <aprssig@tapr.org>  
Subject: APRS Software Download Areas on TAPR.ORG  
Message-ID: <v03007810aeb8409995b7a[128.83.253.75]>

The web page:

<http://www.tapr.org/tapr/html/sigs.html>

Now contains direct links to the various APRS Software areas  
(dos,win,mac,java) on TAPR.ORG.

Cheers - Greg, WD5IVD

-----

Greg Jones, WD5IVD  
Austin, Texas  
wd5ivd@tapr.org  
<http://www.tapr.org/~wd5ivd>

-----

-----

Date: Wed, 20 Nov 1996 05:25:20 +0000  
From: "John W.(Bill) Hays - w0omv" <billh@netins.net>  
To: aprssig@tapr.org  
Subject: Re: Delivery-Report (failure) for  
Message-ID: <32929640.23D6@netins.net>

Lee Walden wrote:

>

> Would somone please remove this person from the mail system. I'm tired of  
> these messages killing my Internet mail program.

I might suggest you try a different mailer, mine is not bothered by the aforementioned message type. I use Netscape ver 2.0.

73,

Bill Hays - w0omv email:billh@netins.net

-----

Date: Wed, 20 Nov 1996 00:21:45 -0500  
From: George Salinas <saltair@hargray.com>  
To: aprssig@tapr.org  
Subject: Re: Killer mail revisited  
Message-ID: <32929569.7D15a@hargray.com>

Thom Proehl wrote:

>  
> It was asked recently if we could get a message number of a message that  
> caused an Email program to crash (IE especially).  
> Today mine hung up on # 6564. I was able to retrieve mail with netscape  
to  
> get the following header info  
>  
> Subject:  
> [APRSSIG:6564] Delivery-Report (failure) for  
> Date:  
> Tue, 19 Nov 1996 13:36:25 -0600 (CST)  
> From:  
> "X.400\_Mail\_Gateway" <X400Postmaster@resonet.com>  
>  
> Hope this is of help.  
>  
> Thom / kc7fzo  
> tmproehl@nwlink.com

What the heck is going here? I just had the same thing happen with my IE tonight (20 Nov 96). Lost about 100 messages. Netscape seems to not be affected. It just happened that this evening I was using IE 301 when it zapped me.

Sure hope somebody can get to the bottom of this.

73 George KD4FJ.

-----  
Date: Tue, 19 Nov 1996 23:23:51 -0600  
From: "Ronald G. Parsons" <w5rkn@amsat.org>  
To: APRS-SIG <aprssig@tapr.org>  
Subject: MacAPRS 2.6.7  
Message-ID: <3292963E.3143@amsat.org>

Perhaps I missed it but what are the changes/updates/bug fixes in  
MacAPRS 2.6.7?

--  
Ron W5RKN

also:  
rparsons@bga.com

-----  
Date: Tue, 19 Nov 1996 23:13:49 -0700 (MST)  
From: Mark Fellhauer <sparkfel@primenet.com>  
To: aprssig@tapr.org, aprssig@tapr.org  
Subject: Re: latest version of KPC-3  
Message-ID: <1.5.4.16.19961119231352.19ff85f4@mailhost.primenet.com>

At 10:35 AM 11/19/96 -0600, Bill Northup wrote:  
>After someone posted the web site for Kantronics I took a look to see what  
the  
>latest version of sw was for the KPC-3. It is 6.0N and one of the features  
>listed is that they REMOVED GPS support.  
>  
> Bill  
>  
>

Ahem. Yup, but you need to read a little further. That N is 6.0N stands  
for NODE and can only be had by special order. It is special firmware for a  
multi-drop KISS node. It supports G8BPQ networking. Since the majority of  
these units will be used in FIXED sites, GPS support is not needed. The N  
variant also drops the NEWUSER command and well as on-line help.



Part of reading is comprehension. With reporting like this, Bill, you could get a job with any major newspaper. You have misled a lot of people by not getting the full story.

73,

Mark Fellhauer  
KC7BXS  
sparkfel@primenet.com

-----

Date: Wed, 20 Nov 1996 00:34:19 -0600 (CST)  
From: morganb@inetport.com (Robert B. Morgan)  
To: aprssig@tapr.org  
Subject: Re: APRS in BACKGROUND  
Message-ID: <199611200634.AAA11648@admin.inetport.com>

Per Aaron Morrison and Bob Bruninga, about timeslicing,

```
>> APRS is wasting a lot of CPU time just waiting for the keyboard or
>> serial port. Someone who is ....
>> --SNIP--
>
>I didn't send the original, but this is what you want. This is sent
>to both Bob directly and to the List (just in case anyone wanted to
>know how to tell windows that the current program is just sitting
>there!)
```

>

```
>BTW, this is from Ralf Brown's interrupt list -- excellent resource
>for programmers like ourselves.
>
>
>-----
>INT 2F 1680 - MS Windows, DPMI, various - RELEASE CURRENT VIRTUAL MACHINE
TIME-SLICE
```

LONG SNIP OF PROCEDURE...

> "IdleVMMWakeUpTime=<seconds>". Setting to zero results in a long wait.  
>SeeAlso: INT 15/AX=1000h,

My comments--

Desqview has a similar call DV\_PAUSE and it appears to be what is alluded to above, INT 15/AX=1000h, possibly preceded by a stack switch, INT 15/AX=101Ah, and followed by an opposite stack switch INT 15,AX=1025h, from what I can make of some programming notes in my Desqview appendix J, p232 of the DV vers 2 manual. (It has been collecting some dust here).

Not sure that I have seen anyone on the SIG allude to running under DV, but a few years ago some of us were running WA7MBL etc BBS's that way, and there was an INT14 TSR bios handler for TNC serial ports called DVIOCOMn.COM that appears to make that kind of a call, from what I can see with the unassembler just now. Maybe some users still run that way with some packet apps, and if there is a need that code might be included too. That driver replaced the COMnBIOS.COM series of drivers that supported some of those BBS apps comm ports, and was used for this reason if running under DV instead of plain old dos. I think it became critical if more than one serial port was being used concurrently. (That page of notes also has a means to determine if DV is loaded or not).

This may not exactly be a programming forum, but this is the closest thing I have seen to any details of how to operate in a timeslicing multitasking environment yet, of the places I frequent. That topic area in general looks like it is horribly underdocumented, and it directly affects communications efficiency for us on packet operating serial ports under timeslicers. I used to work around some of the industrial control pre-emptive realtime OS, and these details become critical to getting work done in time.

I would appreciate a URL for Ralf's reference if there is one, or does it sit on a bookstore shelf somewhere? However, let me say thanks Aaron for the posting in the first place.

73 de Bob WB5AOH  
Robert B. Morgan  
Austin, Texas

morganb@admin.inetport.com

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Date: Wed, 20 Nov 1996 02:06:37 EST  
From: bbliss@juno.com (William B. Bliss)  
To: aprssig@tapr.org  
Cc: bruninga@nadn.navy.mil, lwalden@ebmud.com  
Subject: Old Maps  
Message-ID: <19961119.230458.2431.0.bbliss@juno.com>

Attn: Bob/WB4APR and Lee/????? & Dan/KE6NYT & Jennifer M....

Ken/W7KKE the Calif Map Coordinator and map maker  
extrodinair is out of the country, getting a GPS fix on  
the Pyramids and Pharoes in Cairo, Egypt. I wlll  
pass your Old Maps message on to him on his return.

Lee the latest updated/maps are in MAPLIST06.ZIP posted  
at TAPR APRS , if specific maps have spelling error, why not  
advise Ken and he will correct same. Your message will  
be passed to him also. He also sends message notices of  
newest maplist releases both here on sig and on Packet  
BBS msgs.. They can be downloaded locally LL BBS's also.

Dan/KE6NYT, for your Ventura county special maps, ask Ken to help  
you out, he has always been very accomodating for specific  
area maps down to .5mile from any he has on his CD-ROM Disk  
from C&GD survey. Ck with him for LAX area special or better  
maps also.

Jennifer MacLean.. For your Victoria, BC maps, contact  
ddobbins@juno.com  
or perhaps Ken/W7KKE can help you for special or APRS maps, for your  
area..

73's & Enjoy, Bill/WB6LPG

NNNN

.

73's & Enjoy, Bill/WB6LPG

NNNN

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Date: Wed, 20 Nov 1996 06:17:38 -0800  
From: Tommie Taylor <tomcmugs@n-link.com>  
To: aprssig@tapr.org  
Subject: APRS Killeen  
Message-ID: <32931302.7CFB@n-link.com>

APRS Monitoring is also active in Killeen, Copperas  
Cove, Lampasas, Belton, Waco on 145.790  
DE TOMMY

--

CUSTOM MUGS, 13 Dana drive, Lampasas Tx 76550-1113  
Internet: tomcmugs@n-link.com / tomcmugs@juno.com  
Phone: (512) 556-4691 This is also a FAX Request line:)  
We Print your Color Photos onto coffee mugs.... Check us out.

-----

Date: Wed, 20 Nov 1996 06:48:14 -0600  
From: Scott <scott@ia.net>  
To: aprssig@tapr.org  
Subject: Question  
Message-ID: <199611201248.GAA02903@zeus.ia.net>

New user question:

Can I download any aprsDOS upgrades from tapr.org and install it over my  
current version? I have 77b, I downloaded 77e. Do I have to make any other  
changes to my config if I do this?

Scott Werling  
N0XZY @ WA0RJT.#EIA.IA.USA.NOAM  
scott@ia.net (home)  
werling@dps.state.ia.us (work)

-----  
Date: Wed, 20 Nov 96 08:48:35 -0500  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tapr.org>  
Subject: javAPRS and TIGER Maps  
Message-ID: <199611201344.IAA23671@newworld.bridge.net>

Most APRS users are probably aware of the TIGER map server  
(<http://tiger.census.gov>). I have now updated javAPRS to use this server  
as a source of maps. See:

<http://www.bridge.net/~sdimse/tiger.html>

for an example of how this looks, as well as a discussion of the  
limitations of this new method.

Steve K4HG

-----  
Date: Wed, 20 Nov 1996 09:19:44 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: OLD Maps!  
Message-ID: <Pine.GS0.3.95.961120091454.26303C-100000@arctic>

On Tue, 19 Nov 1996, Lee Walden wrote:

> Bob, the guys here in S.F. also want to know why the Calif maps haven't  
been  
> included in the distribution versions for awhile. Also there are a lot of  
> spelling errors on the bay area maps.

APRSDOS REPLY/COMMENT: What Calif maps? What spelling errors? Can you  
be a little more specific? I ship out a standard distro of Wmaps10.zip  
which includes all of my original large calif maps. There is a separate  
local distribution of CAmaps##.zip put out by the CA map coordinator,  
W7KKE in Foster City. I have nothing to do with them unless he tells me to  
make changes to my larger maps.

If there are spelling errors in my maps, then list them. I can't go searching every map looking for something that I dont know is misspelled!

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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Date: Wed, 20 Nov 96 09:21:37 -0500

From: MARLEY@LU.LINCOLN.EDU

To: [aprssig@tapr.org](mailto:aprssig@tapr.org)

Subject: Re: APRS/Java ..

Message-ID: <199611201418.IAA19899@tapr.org>

TO RUN JAVA APRS YOU MUST HAVE WIN95 OR MAC SYS 7.2 OR GREATER. IT WILL NOT RUN ON WIN 3.11 I CALLED TECH SUPPORT APOUT THIS AND THERE IS NO PLANS IN THE NEAR FUTURE TO MAKE WIN 3.11 JAVA CAPABLE.

-----

Date: Wed, 20 Nov 96 08:50:23 -0500

From: [schiers@ames.net](mailto:schiers@ames.net)

To: [aprssig@tapr.org](mailto:aprssig@tapr.org)

Subject: Re: APRS/Java ..

Message-ID: <199611201452.IAA21236@tapr.org>

In <896554@bbs.ames.net>, on 11/20/96 at 08:17 AM,  
[aprssig@tapr.org](mailto:aprssig@tapr.org) said:

>TO RUN JAVA APRS YOU MUST HAVE WIN95 OR MAC SYS 7.2 OR GREATER. IT  
>WILL NOT RUN ON WIN 3.11

You can run java aprs (or at least have access to the java aprs sites with OS/2 Warp 4, using Netscape for OS/2 which is available in beta from IBM. I have used it myself and it works very nicely, but it is certainly beta. The beta is going to be upgraded before the end of the month for you OS/2 people out there. 73,

hasan schiers, NOAN--

-----

schiers@ames.net

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Date: Wed, 20 Nov 1996 09:41:14 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Subject: Re: Unproto list in WinARPS 1.1.7  
Message-ID: <v03007803aeb8c6aa591e@[165.1.27.20]>

>Did I miss something on the instruction side or is the ProtoPath list in  
>v1.1.7 of WinAPRS not working?  
>

I messed up and the released version of 1.1.7 did not have all of the  
debugging code removed, therefore the Unproto path display does not work  
correctly.

Since the release of 1.1.7 I have fixed the following

- Can now read dosAPRS .HST files.
- UnprotoPath window bug fixed
- Finished CAP Search and Resqueue grids, now displays labels

My normal policy is not to release more than once a month unless its real  
important (like the HSP stuff).

I have been very busy working on lots of aspects. I am putting a lot of  
work into the areas that had the most requests. I hope to have the  
multiple path list capability working in a month or so.

Mark

-----

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
<a href="http://msproul.rutgers.edu/">http://msproul.rutgers.edu/</a>	

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-----  
Date: Wed, 20 Nov 1996 09:48:26 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Subject: Re: MacAPRS 2.6.7  
Message-ID: <v03007805aeb8ca47324a@165.1.27.20>

>Perhaps I missed it but what are the changes/updates/bug fixes in  
>MacAPRS 2.6.7?

>  
>--

I always list the bug fixes / improvements in the "Recent Additions to  
WinAPRS/MacAPRS section of the docs on

<http://aprs.rutgers.edu/aprs/>

With this last release, we will be trying to always make releases of Mac  
and Windows at the same time. We are now to the point where all  
improvements normally affect both platforms. There are still some specific  
Windows only issues but they are getting smaller.

Mark

-----  
Mark Sproul | Amateur Radio: KB2ICI  
Software Engineer @ Assoc Press |  
sproul@ap.org | Work: 609-860-7120  
North Brunswick, NJ | Fax: 609-860-7129  
<http://msproul.rutgers.edu/>  
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Date: Wed, 20 Nov 1996 10:06:20 -0600  
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>  
To: aprssig@tapr.org  
Subject: Re: Unproto list in WinARPS 1.1.7  
Message-ID: <1.5.4.32.19961120160620.006bb0a0@tbcnet.com>

Would it also be possible to make the icons transparent so they don't obscure the ones underneath?

jbl

At 09:01 11/20/96 -0600, you wrote:

>>Did I miss something on the instruction side or is the ProtoPath list in  
>>v1.1.7 of WinAPRS not working?

>>

>

>

>I messed up and the released version of 1.1.7 did not have all of the  
>debugging code removed, therefore the Unproto path display does not work  
>correctly.

>

>Since the release of 1.1.7 I have fixed the following

>

> Can now read dosAPRS .HST files.

> UnprotoPath window bug fixed

> Finished CAP Search and Resqueue grids, now displays labels

>

>My normal policiy is not to release more than once a month unless its real  
>important (like the HSP stuff).

>

>I have been very busy working on lots of aspects. I am putting a lot of  
>work into the areas that had the most requests. I hope to have the  
>multiple path list capability working in a month or so.

>

>

>Mark

>

>-----

>Mark Sproul |Amateur Radio: KB2ICI

>Software Engineer @ Assoc Press |

>sproul@ap.org |Work: 609-860-7120

>North Brunswick, NJ |Fax: 609-860-7129

><http://msproul.rutgers.edu/>

> -----  
>  
>

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J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com  
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>  
American Red Cross Disaster Services - DeKalb Co Chapter

-----  
Date: 20 Nov 1996 16:19:00 +0000  
From: JOHN.LANGTRY@aresonet.com  
To: aprssig@tapr.org  
Subject: KILLER MAIL  
Message-ID: <"SNGA-1054-4900\*/O=ENVOY

Hi Ron !

Oh my gawd ! Yes, I did see the messages on the SIG about the various  
mailers and the problems; but NEVER did I suspect it was me !

My X.400 id's go back many years (1970's) when the (then) rules were  
given name or initial + "." last name. I guess the new code can not  
support the old specifications.

Anyway, please do me a favour, since I can't; put out a note to the  
SIG in my behalf, express my regrets ('specially as I didn't know)  
and I'll find another way of joining the SIG via (say) VE3NEC@somewhere.com  
It'll probably be projectx.com but John VE3SVE is at Commdex and until  
he gets back, I can say for sure.

Meanwhile, I shall be QRT on the SIG. vy 73 de John VE3NEC

-----  
Date: Wed, 20 Nov 1996 08:33:06 +0000  
From: rbecketta@schwab.COM  
To: aprssig@tapr.org  
Subject: Re: latest version of KPC-3  
Message-ID: <9611201633.AA11587@sv0001dev.dev.schwab.com>

> At 10:35 AM 11/19/96 -0600, Bill Northup wrote:  
> >After someone posted the web site for Kantronics I took a look to see  
what the  
> >latest version of sw was for the KPC-3. It is 6.0N and one of the  
features  
> >listed is that they REMOVED GPS support.  
> >  
> > Bill  
May I please have the URL for Kantronics?

73 - Rich WB6EEE

-----  
Date: Wed, 20 Nov 1996 10:32:48 -0800  
From: David Eaton <deeaton@gte.net>  
To: aprssig@tapr.org  
Subject: Re: APRS Killeen  
Message-ID: <32934ED0.76B3@gte.net>

It's about time I hear from you'll down there and see how things are  
going say hi to all got to run real busy day talk later..

-----  
Date: Wed, 20 Nov 1996 11:42:39 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Latest pcMAPS  
Message-ID: <Pine.GS0.3.95.961120113359.16303B-100000@arctic>

I just scanned through all the maps in the files/maps/PCMaps area and  
asked for about 60% of the old files to be deleted. Hopefully here is  
what remains as the latest of each version:

almaps07.zip  
akmaps01.zip  
bamaps96.zip  
camaps06.zip

eumaps02.zip  
flmaps02.zip  
gamaps02.zip  
limaps.zip  
ilmaps2a.zip  
inmaps04.zip  
HIMAPS10.zip  
mamaps03.zip  
mdmaps06.zip  
mimaps01.zip  
msmaps03.zip  
nemaps01.zip  
ohmaps07.zip  
onmaps31.zip  
pamaps04.zip  
samaps02.zip  
TNMAPS04.ZIP  
txmaps01.zip  
ukmaps02.zip  
vamap08.zip

ARGH, I forgot to check the uploads area. I will do that next, and then re-issue this message with it updated to the latest in uploads area...

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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Date: Wed, 20 Nov 1996 16:47:41 +0000  
From: "John W.(Bill) Hays - w0omv" <[billh@netins.net](mailto:billh@netins.net)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Re: transparent icons  
Message-ID: <3293362D.2D6D@netins.net>

John B. Leonard, Jr wrote:

>

> Would it also be possible to make the icons transparent so they don't  
> obscure the ones underneath?

>

Great idea, John. It wud facilitate reading the WX data at each stn  
at the larger scale map sizes.

--

Bill Hays - w0omv email:billh@netins.net

-----

Date: Wed, 20 Nov 1996 12:10:45 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Subject: Re: transparent icons  
Message-ID: <v03007814aeb8eba10862a[165.1.27.20]>

>John B. Leonard, Jr wrote:

>>

>> Would it also be possible to make the icons transparent so they don't  
>> obscure the ones underneath?

>>

>

>Great idea, John. It wud facilitate reading the WX data at each stn  
>at the larger scale map sizes.

>

No it wouldnt, then you would see what was below. You can turn off Icons  
and just get small dots.

I have never seen "transparent ICONs", so I do not even know if it can be  
done.

Mark

---

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
<a href="http://msproul.rutgers.edu/">http://msproul.rutgers.edu/</a>	

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-----  
Date: Wed, 20 Nov 1996 12:29:03 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Revise latest PCMaps  
Message-ID: <Pine.GS0.3.95.961120122403.20161D-100000@arctic>

On Wed, 20 Nov 1996, Bob Bruninga wrote:

This is the corrected latest list of maps that will be in the tapr.org  
maps\PCMaps directory:

- > almaps07.zip
- > akmaps01.zip
- > bamaps96.zip Which is later this, or BajaMaps.zip?
- > camaps06.zip
- > eumaps02.zip
- > flmaps02.zip
- > gamaps06.zip
- > ga06to07.zip
- > gnwmap11.zip (greater NW replaces PacificNW pnw...)
- > limaps.zip
- > ilmaps2a.zip
- > inmaps06.zip
- > HIMAPS10.zip
- > mamaps03.zip
- > mdmaps06.zip
- > mimaps01.zip
- > msmaps03.zip
- > NCMAPS1.ZIP
- > nemaps01.zip
- > ohmaps07.zip
- > ONMAPS35.ZIP
- > pamaps04.zip
- > samaps02.zip
- > TNMAPS04.ZIP
- > txmaps01.zip
- > ukmaps03.zip
- > vamap08.zip

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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Date: Wed, 20 Nov 1996 18:37:04 GMT  
From: rkramer@mergetel.com (Ronald Kramer)  
To: aprssig@tapr.org  
Subject: KILLER mail  
Message-ID: <329e4f88.1214721@mail.mergetel.com>

Hi Sig..

here is info I sent John VE3NEC about the mailer

Hi John

just playing around and here is what I found  
if I initiate a private email for you as in new email  
without referring to the aprssig, it keeps the john.langtry=20  
in lower case, but if I take a message from the sig and  
reply but remove the aprssig.tapr.org from the to field=20  
and replace it with john.langtry@resonet.com, when=20  
the mailer sends it out it changes the lower case to  
upper case in your name only.  
When the aprssig receives mail from you, your address  
shows in upper case JOHN.LANGTRY@resonet.com.  
possibly it is their list server that does not like the=20  
period in your name but not sure....  
anyway this is just to inform you what I found.

73 de Ron

Best Regard

Email: rkramer@mergetel.com      ve3mx@mergetel.com

Packet: ve3mx@ve3snp

-----

Date: Wed, 20 Nov 1996 11:42:17 -0600  
From: Larry Griffin <largriff@swta.com>  
To: "'APRS SIG'" <aprssig@tapr.org>  
Subject: Kantronics URL  
Message-ID: <01BBD6D7.E2C69B40@red181.onramp.net>

Someone wrote:

>May I please have the URL for Kantronics?

Certainly!

<http://www.kantronics.com/>

Larry (the obvious is invisible) Griffin - AB5GE

-----

Date: Wed, 20 Nov 1996 21:51:35 -0800

From: Don Hilman <hilman@camosun.bc.ca>

To: aprssig@tapr.org

Subject: Linux

Message-ID: <3293EDE7.3033@camosun.bc.ca>

Add four to the Linux list

VE7FBI , VE7CCD , VE7WAG , VE6ARS

-----

Date: Wed, 20 Nov 1996 11:08:15 -0700

From: "Alan K. Unangst" <alanwc7r@primenet.com>

To: aprssig@tapr.org

Subject: Re: latest version of KPC-3

Message-ID: <2.2.32.19961120180815.0067d148@mailhost.primenet.com>

Here it is again, I am happy that it seemed tyo have helped.

[http:// www.kantronics.com/index.html](http://www.kantronics.com/index.html)

At 10:38 AM 11/20/96 -0600, you wrote:

>

>> At 10:35 AM 11/19/96 -0600, Bill Northup wrote:

>> >After someone posted the web site for Kantronics I took a look to see what the

>> >latest version of sw was for the KPC-3. It is 6.0N and one of the features

>> >listed is that they REMOVED GPS support.



Alan K. Unangst, WC7R  
Phone: (520) 445-1465  
E-mail: alanwc7r@primenet.com  
Amateur Radio Packet: WC7R @ KBZERV

```
At 10:18 PM 11/18/96 -0600, Dayglo wrote:
>>Does anyone have more info on this? At $125 Tripmaker/GPS sounds too
>>good to be true.
>
>I saw this at my local CompUSA for $179 not $125. The package stated that
>the software would only run with the included GPS receiver. Either they
are
>mistaken or have created a proprietary GPS receiver.
```

[illegible]

Date: Wed, 20 Nov 1996 15:49:29 -0600  
From: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>

Date: Wed, 20 Nov 1996 16:20:15 -0600  
From: "Larry P. Thomas WA0GWA" <lpthomas@winning-edge.com>  
To: aprssig@tapr.org  
Subject: Delorme Tripmaker GPS \$125 vs \$179

Message-ID: <2.2.32.19961120222015.0073c0c4@winning-edge.com>

Delorme sent out the offer to people in their database of know purchasers. I've bought Map Expert and both versions of Map'N'Go in the past so I think they are offering it discounted to previous buyer. The offer does, however, allow one to specify how many they wish to buy at the \$125 price. I'm sure there is some limit and more than two or so would most likely generate questions from Delorme as to intended use (like resale).

Concerning the use of software with only with the supplied tripmate, I don't think that is accurate but I could be wrong. The verdict is also still out as to if the Tripmate can be used in any other NMEA driven software with slight modification.

>>>Does anyone have more info on this? At \$125 Tripmaker/GPS sounds too  
>>>good to be true.

>>

>>I saw this at my local CompUSA for \$179 not \$125. The package stated that  
>>the software would only run with the included GPS receiver. Either they  
are

>>mistaken or have created a proprietary GPS receiver.

>

>Computer City also is charging \$179 for Tripmaker.

-----  
Larry P. Thomas wa0gwa                      voice : 1 913 888-0282  
Krell Technologies                              fax : 1 913 782-9359  
8960 Bond                                      pager : 1 816 989-HELP  
Overland Park, KS 66214-1764                  e-mail : lpthomas@winning-edge.com  
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End of APRSSIG Digest 776

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From aprssig@tapr.org Thu Nov 21 07:26:41 1996

Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP

id AA1633 ; Thu, 21 Nov 96 06:46:07 UTC

Received: from tapr.org (localhost [127.0.0.1]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id JAA03574; Thu, 21 Nov 1996 09:18:19 -0600  
(CST)

Date: Thu, 21 Nov 1996 09:18:19 -0600 (CST)  
Message-Id: <32946F1C.50C9a@global2000.net>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6654] APRSSIG digest 777  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Content-Type: text/plain; charset=us-ascii  
MIME-Version: 1.0  
X-Mailer: Mozilla 2.0 (Win95; I)  
Content-Transfer-Encoding: quoted-printable  
Status: R

#### APRSSIG Digest 777

Topics covered in this issue include:

- 1) Tripmate, NMEA, etc.  
by "Larry P. Thomas WA0GWA" <lpthomas@winning-edge.com>
- 2) Re: More Killer Mail  
by Arte Booten <N2ZRC@gnn.com>
- 3) AFSK freqs  
by Frank McJunkins <fmcjunki@cks.ssd.k12.wa.us>
- 4) Re: Question  
by David/Roxanne McCarthy <davidmc@goodnet.com>
- 5) aprs77d error code..  
by pete ouellette <pho@crocker.com>
- 6) Re: Unproto list in WinARPS 1.1.7  
by Jim Duncan <ku0g@sprynet.com>
- 7) Re: transparent icons  
by Jim Duncan <ku0g@sprynet.com>
- 8) DF Jr  
by BordingK@aol.com
- 9) Re: APRS/Java ..  
by joefoor@digitalexp.com (Foor, Joe)
- 10) Re: DF Jr  
by John M Dombleski <wendysue@global2000.net>
- 11) APRS 7.5c USA.map  
by Rich Casey <casey@acm.org>

- 12) Re: Delorme Tripmaker GPS \$125 vs \$179  
by Jim Conrad <jjc@infi.net>
- 13) Re: APRS 7.5c USA.map  
by dkaszubski@why.net (dkaszubski)
- 14) Re: DF Jr  
by Ronald Armstrong <ronalda@sympatico.ca>
- 15) Digest mode  
by Dave Mar <74737.221@CompuServe.COM>
- 16) G45 data/pwr cable  
by smithal@ix.netcom.com (Arthur L. Smith)
- 17) Delorme Tripmate additional information.  
by "Eric A. Cottrell" <eac@shore.net>
- 18) Visiting So. California  
by "Ken Mirabella" <kjm@deltanet.com>
- 19) Re: DF Jr  
by ddobbins@juno.com (David S Dobbins)
- 20) Re: aprs77d error code..  
by ddobbins@juno.com (David S Dobbins)
- 21) RE: AFSK freqs  
by Gwyn Reedy <gwyn@paccomm.com>
- 22) RE: AFSK freqs  
by Gwyn Reedy <gwyn@paccomm.com>
- 23) Chicago area DFjr  
by "John B. Leonard, Jr" <jleonard@tbcnet.com>
- 24) RE: AFSK freqs  
by Chris Dapples <ccdapple@wtp.net>
- 25) APRSdos files  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 26) Chicago area DFjr contact  
by "John B. Leonard, Jr" <jleonard@tbcnet.com>
- 27) Re: Question  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 28) RE: AFSK freqs  
by John M Doblewski <wendysue@global2000.net>

-----  
Date: Wed, 20 Nov 1996 17:09:48 -0600  
From: "Larry P. Thomas WA0GWA" <lpthomas@winning-edge.com>  
To: aprssig@tapr.org  
Subject: Tripmate, NMEA, etc.  
Message-ID: <2.2.32.19961120230948.0070c490@winning-edge.com>

I cut the following from a post to a news group. I don't generally follow them and I thought other in this SIG might not either so here it is for what it's worth. It sounds to me as if the Tripmate might be very usable in aprs with little modification. The Init String required could be sent out before running the aprs software if needed. I don't know Bob's background but he sounds like he knows what he is talking about.

-----  
From: Bob Martin <martin@inmind.com>  
Newsgroups: sci.geo.satellite-nav  
Subject: Delorme Tripmate GPS for SA 4.0  
Date: Wed, 20 Nov 1996 08:46:07 -0500

Bob Martin again....

The basic Tripmate seems to be a Rockwell 12 channel setup assembled by Trimble for DeLorme.

Haven't BEEN to Europe lately, but I don't see why the hardware won't work fine there.

A simple NMEA message is sent to it to insert it's current location, time, and startup data, after that it is no more or less than a good NMEA module. To keep the costs down, it doesn't have non-volatile memory for certain things, and needs to be spoon fed to upstart.

DeLorme software does that without a lot of noise. SA4 is great... If I had source in hand, I would change two teeeny details, but I am pretty pleased with it right now.

Yes, it's ugly yellow, just put a bag over it's head.

The battery life isn't all that bad. It wouldn't take a rocket scientist to power it from 12v. My 7.5v Nicad pack works great too.

To buy anything that works better than SA4 and Tripmate, you

would have to spend a helluva lot of money....

Bob

-----  
Larry P. Thomas wa0gwa                      voice : 1 913 888-0282  
Krell Technologies                              fax : 1 913 782-9359  
8960 Bond                                      pager : 1 816 989-HELP  
Overland Park, KS 66214-1764              e-mail : lpthomas@winning-edge.com  
-----

-----  
Date: Wed, 20 Nov 1996 18:47:04  
From: Arte Booten <N2ZRC@gnn.com>  
To: aprssig@tapr.org  
Subject: Re: More Killer Mail  
Message-ID: <199611202348.SAA11244@mail-e2b.gnn.com>

Hi All,

On Tue, 19 Nov 1996 Roy Bost wrote:

>Look out it's back! Message #6564 stopped my IE Mail program  
>dead in its tracks. It appears to be the same message from  
>last week...a Delivery Report from the X400 Mail Gateway. Same  
>individual is not getting his mail!

which was followed by:

>From: Billing@gnn.com  
>To: n2zrc@mail-e2b.gnn.com  
>Subject:...

I DON'T GET IT! As far as I know I'm GETTING all of my  
mail ... but I only received THIS one TODAY! For the first=20  
time!

As to how and/or why it's being bounced to the SIG...???  
I'm not doing it. I don't know what's going on here. Although  
I don't THINK I'm responsible for it, I ask the SIG (since it  
IS my mail) to accept my apology.

Generally, when I get one of those X400 mail gateway things, I automatically reach for the DEL button without reading it. I'll try to amend this situation in the future. 73

```
Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]
```

```
... Sensors say there is nothing at those coordinates ...
```

Date: Wed, 20 Nov 1996 15:43:32 -0800 (PST)  
From: Frank McJunkins <fmcjunki@cks.ssd.k12.wa.us>  
To: aprssig@tapr.org  
Subject: AFSK freqs  
Message-ID: <Pine.SUN.3.92.961120154153.11853A-100000@cks>

Ok, I have all this high tech literature here and the only (simple) answer I can't seem to find is what the audio mark and space freqs are for 1200 and 9600 baud packet. Will someone refresh my memory banks, please.

Frank McJunkins K7RSD fmcjunki@cks.ssd.k12.wa.us

Date: Wed, 20 Nov 1996 16:57:30 -0700  
From: David/Roxanne McCarthy <davidmcagoodnet.com>  
To: aprssig@tapr.org  
Subject: Re: Question  
Message-ID: <32939AE6.3CCDagoodnet.com>

```
What if you don't have any previous version. nada.
=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D
New user question:
Can I download any aprsDOS upgrades from tapr.org and install it over my
current version? I have 77b, I downloaded 77e. Do I have to make any
other
```



changes to my config if I do this?

Scott Werling

N0XZY @ WA0RJT.#EIA.IA.USA.NOAM

scott@ia.net (home)

werling@dps.state.ia.us (work)

--=20

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ

email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam

Visit the family homepage: <http://www.goodnet.com/~davidmc/>

"As for me and my house, we will serve the Lord." Jos 24:15

-----

Date: Wed, 09 Oct 1996 20:01:44 -0500

From: pete ouellette <pho@crocker.com>

To: aprssig@tapr.org

Subject: aprs77d error code..

Message-ID: <199611210059.TAA12141@rmc1.crocker.com>

I am trying to install/run aprs77d on a '386-16 spare computer but keep

getting the error "Ooops! ERR number 68 Hit enter to resume" right after it draws the USA map, and then everything locks up. Does anyone know

what this is or how to solve it?

If I boot the program without my call and accept all the defaults, it runs

ok but doesn't talk to the TNC.

Thanks,

Peter N1AGV

-----

Date: Wed, 20 Nov 1996 17:06:10 -0800

From: Jim Duncan <ku0g@sprynet.com>

To: aprssig@tapr.org

Subject: Re: Unproto list in WinARPS 1.1.7

Message-ID: <199611210106.RAA15617@am1.sprynet.com>

We had a great visit (Kansas City users) with Keith Sproul on Monday evening over dinner! A couple of the programmer types showed up and soon the conversation was so far over my puny little head that I think I literally winked out!

Anyway, it's really great to have such super-brains as the Brothers Sproul out there, isn't it?!?!?

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

-----

Date: Wed, 20 Nov 1996 17:11:15 -0800  
From: Jim Duncan <ku0g@sprynet.com>  
To: aprssig@tapr.org  
Subject: Re: transparent icons  
Message-ID: <199611210111.RAA16839@am1.sprynet.com>

At 11:14 11/20/96 -0600, you wrote:

>>John B. Leonard, Jr wrote:

>>>

>>> Would it also be possible to make the icons transparent so they don't  
>>> obscure the ones underneath?

>>>

>>

>>Great idea, John. It wud facilitate reading the WX data at each stn  
>>at the larger scale map sizes.

>>

>

>

>No it wouldnt, then you would see what was below. You can turn off Icons  
>s  
>and just get small dots.

>

>I have never seen "transparent ICONs", so I do not even know if it can be done.

>

>Mark

If you're developing your icons with PaintBrush there IS a way to make the background "transparent". I'm not sure how to accomplish it, but it's a matter of turning some type of attribute for the bmp/gif file on/off...

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcapr.org  
EMail: ku0g@sprynet.com

-----

Date: Wed, 20 Nov 1996 20:22:46 -0500  
From: BordingK@aol.com  
To: aprssig@tpr.org  
Subject: DF Jr  
Message-ID: <961120202245\_1217733929@emout08.mail.aol.com>

Anyone have the URL for the DF Jr Website? I've tried about everything.!

Also, anyone unhappy with their? One of our clubs is considering it and will vote tomorrow night.

Please reply by direct EMail to reduce SIG clutter, ThanksAll!

de KF4COH  
Ken, Jax, FL

-----

Date: Wed, 20 Nov 1996 19:36:16 -0600  
From: joefoor@digitalex.com (Foor, Joe)  
To: aprssig@tpr.org  
Subject: Re: APRS/Java ..  
Message-ID: <19961121013610738.AAC172@dia1-24.marianna.fl.digitalex.com>

I seem to recall seeing a version of Netscape 3, for X-windows. Will it run Java on a Linux system?

regards,  
Joe kf4dys

-----  
Date: Wed, 20 Nov 1996 20:55:36 -0500  
From: John M Domblewski <wendysue@global2000.net>  
To: aprssig@tapr.org  
Subject: Re: DF Jr  
Message-ID: <3293B698.30C2a@global2000.net>

BordingK@aol.com wrote:

>=20  
> Anyone have the URL for the DF Jr Website? I've tried about everthing.=  
!  
>=20  
> Also, anyone unhappy with their? One of our clubs is considering it an=  
d will  
> vote tomorrow night.  
>=20  
> Please reply by direct EMail to reduce SIG clutter, ThanksAll!  
>=20  
> de KF4C0H  
> Ken, Jax, FL

Ken

Here it is <http://home.navisoft.com/agrelo/ae.htm>

Hope this helps!

John N20JY

-----  
Date: Wed, 20 Nov 1996 20:13:47 -0500  
From: Rich Casey <casey@acm.org>  
To: aprssig@tapr.org

Subject: APRS 7.5c USA.map  
Message-ID: <3293ACCB.1491@acm.org>

Hi from Dallas:

Just in the 3 weeks that I've been on APRS (and monitoring this sig),=20  
I've seen activity in Texas picking up. We regularly see down to Houston=20  
and San Antonio via VHF with a couple well placed WIDEs. =20

Here's an easy question I'm sure, but one that I have searched for in=20  
the docs to no avail. On my USA.mp, there is a line that runs up=20  
CA, OR and WA, across Idaho down the midwest to just east of Dallas,=20  
etc. on across the country. I know it is for something but I sure can't=20  
figure out what. Two part question-- what is it for, and how can I=20  
toggle it off?

Enjoying the sig and learning a lot...

73, Rich/n5csu=20

--=20

Rich Casey, Dallas TX	Member: ACM, ARRL, AMSAT
casey@acm.org	Ham Radio N5CSU
<a href="http://www.startext.net/homes/rcasey">http://www.startext.net/homes/rcasey</a>	Think globally, connect locally

-----

Date: Wed, 20 Nov 1996 22:32:00 -0500 (EST)  
From: Jim Conrad <jjc@infi.net>  
To: aprssig@tapr.org, aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125 vs \$179  
Message-ID: <2.2.16.19961120223300.3e8753e2@mailhost.infi.net>

At 04:21 PM 11/20/96 -0600, Larry P. Thomas WA0GWA wrote:

>Delorme sent out the offer to people in their database of know purchaser=  
s.

>I've bought Map Expert and both versions of Map'N'Go in the past so I th=  
ink

>they are offering it discounted to previous buyer. The offer does, howe=  
ver,

>allow one to specify how many they wish to buy at the \$125 price. I'm s=  
ure

>there is some limit and more than two or so would most likely generate  
>questions from Delorme as to entended use (like resale).

Perhaps they're being selective on who gets the offer because I've also  
purchased a number of their products including Map Expert and have not

[illegible]

```
Rich Casey wrote:
>=20
> Hi from Dallas:
>   Here's an easy question I'm sure, but one that I have searched for in
> the docs to no avail. On my USA.mp, there is a line that runs up
> CA, OR and WA, across Idaho down the midwest to just east of Dallas,
> etc. on across the country. I know it is for something but I sure can't
> figure out what. Two part question-- what is it for, and how can I
> toggle it off?
>   Enjoying the sig and learning a lot...
>   73, Rich/n5csu
> --
> Rich Casey, Dallas TX | Member: ACM, ARRL, AMSAT
> casey@acm.org | Ham Radio N5CSU
> http://www.startext.net/homes/rcasey | Think globally, connect locally
```

Welcome to APRS in DFW! Activity has really expanded around here in the=20  
last few months but it's still not like it is in the NorthEast and other=20

places. I guess we're just a little slow to jump on new ideas! In=20  
addition to the Wides, there is at least one Gate operating in Fort Worth=  
=20  
that you should see (if I can keep it on the air!!!) and a handful of=20  
trackers that drive around for your viewing pleasure.=20

Keep in touch and Have FUN!

--=20

Dave Kaszubski WB3FYV  
dkaszubski@why.net also: ustuia6v@ibmmail.com  
Benbrook, Texas N 32 40.319' W 097 26.844'

President of the Texas Utilities Amateur Radio Club,=20  
Comanche Peak Chapter  
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society  
Still experimenting with APRS...  
<http://users.why.net/dkaszubski/>

-----

Date: Wed, 20 Nov 1996 22:38:55 -0800  
From: Ronald Armstrong <ronalda@sympatico.ca>  
To: aprssig@tapr.org  
Subject: Re: DF Jr  
Message-ID: <3293F8FF.27F9@sympatico.ca>

BordingK@aol.com wrote:

>=20

> Anyone have the URL for the DF Jr Website? I've tried about everthing.=  
!

>=20

> Also, anyone unhappy with their? One of our clubs is considering it an=  
d will

> vote tomorrow night.

>=20

> Please reply by direct EMAil to reduce SIG clutter, ThanksAll!

>=20

> de KF4COH

> Ken, Jax, FLyou can reach them at [www.home.navisoft.com/agrelo/ae.htm](http://www.home.navisoft.com/agrelo/ae.htm)

-----  
Date: 20 Nov 96 22:55:20 EST  
From: Dave Mar <74737.221@CompuServe.COM>  
To: APRSSIG <APRSSIG@tapr.org>  
Subject: Digest mode  
Message-ID: <961121035519\_74737.221\_EHL125-5@CompuServe.COM>

Help!

Can anyone tell me how to get this list service on digest mode?

Thanks,  
dave

-----  
Date: Wed, 20 Nov 1996 19:00:38 -0800  
From: smithal@ix.netcom.com (Arthur L. Smith)  
To: aprssig@tapr.org  
Subject: G45 data/pwr cable  
Message-ID: <199611210300.TAA04749@dfw-ix12.ix.netcom.com>

One more time please!

I lost my GPS to computer cable, and lost the pinout to make another=20  
one!

I have the power hooked up, but not the data, on my new G45 cable.

The brown, serial data out, wire goes to which pin of the female DB9=20  
connector?

The white, serial data in, wire goes to which pin of the female DB9=20  
connector?

The black, ground wire which also is negative or ground on the 12 volt=20  
power line, goes to which pin of the female DB9 connector?

Please respond directly to SmithAL@ix.netcom.com

Art, KB1TX



the 24/7 RELAY on 145.79 @ N39=B037'01.5"/W104=B045'41.2"

-----

Date: Wed, 20 Nov 1996 23:15:36 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: amsat-bb@amsat.org, aprssig@tapr.org  
Subject: Delorme Tripmate additional information.  
Message-ID: <848549736-0-eac@shore.net>

Hello,

I received information on several sources that the Delorme Tripmate has proprietary firmware and there has been questions about the output of the Tripmate receiver.

At the present time the receiver can be used with Street Atlas 4.0 and Map'n'Go Version 2.0. It is also possible to use a terminal program and log the raw NMEA sentences to the Disk after sending the \$IIGPQ,ASTRAL<cr><lf> string to the receiver. If a NMEA display/logging program cannot sent the \$IIGPQ string then it cannot be used. The bright side is that at least one person is working on a Display program using Basic that can use the receiver. It appears the only proprietary part is the need for sending the \$IIGPQ string after powerup. All other output appears to be NMEA.

I found that the receiver will accept NMEA commands with or without checksums.

I got a interesting message from James Miller who has the "Jupiter" board. He mentions some strings to control the NMEA output messages and they work with a tripmate. Here is a few examples:

\$PRWIILOG,RMC,V,,,<cr><lf> Turn off GPRMC messages.  
\$PRWIILOG,RMC,A,,,<cr><lf> Turn on GPRMC messages.  
\$PRWIILOG,RMC,A,T,10,0<cr><lf> Turn on GPRMC messages

and output

every ten seconds.

I would only use the on and off commands as the receiver will remember the settings if you change it and cycle the power. I found I can control the messages GSV, ZCH, RMC, GGA and GSA (Just subsitute for RMC

in the above example) . This command will not force output if the message is no valid (GSV with no almanac data). It just controls how often the message is outputted when valid.

Also He gets a message on powerup of

```
$PRWIRID,12,01.03,04/04/96,0003
```

Which indicates: 12 =3D number of channels

01.03 =3D Version Number

04/04/96 =3D Version Date

0003 - Option List

My unit gives a string of:

```
$PRWIRID,12,01.05,07/29/96,0003
```

which at least indicates the same options list and later firmware.

Hopefully I will get the documentation from Rockwell soon and I can try out some more commands on the receiver. Maybe with the pinout I can figure out if 1 PPS and the second serial port can be used.

73 Eric eac@shore.net

-----

Date: Wed, 20 Nov 1996 20:16:13 -0800  
From: "Ken Mirabella" <kjm@deltanet.com>  
To: <aprssig@tapr.org>  
Subject: Visiting So. California  
Message-ID: <199611210419.UAA10457@mail1.deltanet.com>

-----

> From: Jim Duncan <ku0g@sprynet.com>  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6632] Re: Unproto list in WinARPS 1.1.7  
> Date: Wednesday, November 20, 1996 5:16 PM  
>=20  
> We had a great visit (Kansas City users) with Keith Sproul on Monday evening  
> over dinner! A couple of the programmer types showed up and soon the

> conversation was so far over my puny little head that I think I literally  
> winked out!  
>=20  
> Anyway, it's really great to have such super-brains as the Brothers  
Sproul  
> out there, isn't it?!?!?  
>=20  
> 73 de Jim, KU0G  
> Chairman/Coordinator  
> Kansas City APRS Working Group  
> EMail: ku0g@kcaprs.com  
> EMail: ku0g@sprynet.com

I agree - they (the Sprouls) & Bob are doing a great job for the ham community.

We, in Orange County California would like to extend an invitation to the Sprouls and Bob for dinner with our group anytime they are in our area.

We too have a "few" professional programmers and avid tech type builders out here too.

I have enclosed a few url's for your review.

Ken, KM6YH  
Orange County RACES

<http://www.quicksilver.com/~rbarris/>

<http://www.kvoa.com/byon/>

<http://www.kvoa.com/byon/piccon/>

<http://www.kvoa.com/byon/thunt/racmanul.html>

-----

Date: Wed, 20 Nov 1996 21:22:30 PST  
From: ddoobbins@juno.com (David S Dobbins)  
To: aprssig@tapr.org  
Subject: Re: DF Jr  
Message-ID: <19961120.212432.4455.6.ddoobbins@juno.com>

Someone else has replied with the web site for DFjr. I'll just add that I'm quite happy with mine.

David S. Dobbins/WH6YC  
Greater Northwest APRS Coordinator  
(Montana, Idaho, Oregon, Washington)  
(360) 291-3707  
ddoobbins@juno.com

-----

Date: Wed, 20 Nov 1996 21:19:17 PST  
From: ddoobbins@juno.com (David S Dobbins)  
To: aprssig@tapr.org  
Subject: Re: aprs77d error code..  
Message-ID: <19961120.212432.4455.5.ddoobbins@juno.com>

Don't forget when updating DOS APRS to unzip using the -d or -dn option. I think the error code referred was caused by having all the maplists, maps, other files in one common directory, not in their normal sub directories.

Hope this helps.

David S. Dobbins/WH6YC  
Greater Northwest APRS Coordinator  
(Montana, Idaho, Oregon, Washington)  
(360) 291-3707  
ddoobbins@juno.com

-----

Date: Thu, 21 Nov 1996 07:17:59 -0500  
From: Gwyn Reedy <gwyn@paccomm.com>  
To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: RE: AFSK freqs

Message-ID: <01BBD77C.215BC700@gwyn.paccomm.com>

On Wednesday, November 20, 1996 12:57 PM, Frank=20

McJunkins[SMTP:fmcjunki@cks.ssd.k12.wa.us] wrote:

>Ok, I have all this high tech literature here and the only (simple) answer

>I can't seem to find is what the audio mark and space freqs are for 1200

>and 9600 baud packet. Will someone refresh my memory banks, please.

>

>Frank McJunkins K7RSD fmcjunki@cks.ssd.k12.wa.us

>

1200 baud AFSK packet uses 1200 and 2200 HZ

9600 baud DFM (called FSK by some) uses a 4800 Hz center frequency and=20

'FMs' this between about 10 Hz and 9600 Hz. There are not any mark and=20

space tones (and that is why I counted the Direct FM - DFM) term back in=20

1988 so people wouldn't ask what the mark and space tones are, HI!)

An aside to the SIG: I have upgraded my MS Exchange with Service Pack 2. =

Do=20

my messages still have the dreaded WINMAIL.DAT attached?

Gwyn Reedy, W1BEL

PacComm Packet Radio Systems

<http://www.paccomm.com>

begin 600 WINMAIL.DAT

```
M>)\^(a(,`0:0" ` $` ``````!``$` ``0>0!a`(```Y 0` ``````#H``$(a <`
M& ````$E032Y-:6-R;W-09G0a36%I;"Y.;W1E`#$(`0V ! ``````a````$ $
MD 8`# $``$```` ,````P`` , (````+``\ .``````(!_P\!````/P``````
M``"! *Q^DOJ,0&9UN`-T!#U0"``````&%P<G-S:6=3D =3D&%P<BY0<F<`4TU44 !A
M<`)S<VEG0'1A<'(N;W)G````>``(P`0````4````!33510``````!X``S !````
M$0````&%P<G-S:6=3D =3D&%P<BY0<F<``````P`5# $````#`/X/!a````!X``3 !
M````$P````=3DA<`)S<VEG0'1A<'(N;W)G)P``a$+, $````6````4TU44#I!
M4%)34TE'0%1!4%(N3U)'````P``.0``````+`$ Z`0````(!]a\!````! ``
M``````(1+a$da $`a````)% .B!;05!24U-)1SHV-C(Y72!!1E-+(&9R97%S
M`%D(`06 `P` .````S <+`!4`!P`1`#L`! !*`0$da ,`#a`` ,P`"P`5``<`
M# `E`0`+P$!"8 !`"$````W034P0S4X138X-#-$, #Q.#!$-3 P-# P-3(Y
MOD-$-P#R!a$#D 8`4 4``!0````+`` ,`````` ,)a``````"P`I``````#
M`"X`````` ,`-a``````0 `Y`*#JN BFU[L!`a!P``$````>````4D4Z(%M!
```

M4%)34TE'.C8V,CE=3D(\$%4TLa9G)E<7,``````7\$``0````!8````!N]>F"\*".  
MQ5![0Vad1T(#5`\$`%\*;S7````>`!X,`0````4````!33510``````!X`'PP!````  
M\$0````&=3DW>6Y <8%C8V]M;2YC;VT``````P`&\$&ZOLD#````<0S0(```!X`"! !  
M````90````\$].5T5\$3D531\$%9+\$Y/5D5-0D52,C L,3DY-C\$R.C4W4\$TL1E)!  
M3DM-0TI53DM)3E-33510.D9-0TI53DM)0\$-+4U-31\$LQ,E=3D!55-74D]413I/  
M2RQ)2\$%614%,3%1(25-(24<``````a\$)\$ \$````\_`P``NP,``%0&``!,6D9U  
MB7)EI?`\"a\$/'A4"I /D!>L"aP!0\$P-4`a!C: K <V5T[C(&``;#`H,R`\8'  
M\$P\*#QC,#Q0(<`)Q\$B /\_ZQF-!0W\$;4P\$W9]"H"+",\ )V3L8KS(U-1G/\&4Q  
M,Ca`a J!#;\$+8&!N9S\$P,Q0a"P-L>&DS-aWP"U42\ap!8ZD`0"!/'Z!7"8!N  
M!Y 09&%Y+ >P;W9E&P;0!) a`=3D a`#\$Y.0(V(. R.C4W(%!232 `1G(<&L%  
MT&,,2G4B\$ N <UM334A44#H\$4&-J(G) \$&-K<RX\$\$\$&0N:P\$<,"YW82YU<UU\$  
M(<`#8'1E.aJ\$/K\+1A0B'M,2\!3 )1%C!4!D3VLa`\$Daa< a0" S!T #(<'1H  
M! `GP&EG?FaH4 60\*. =3DP"4a(?!TFPAP\* !H!) H`6YD\*%\*%\* ``(&QY("a`  
MD&WY"U!E\*2I!`^ \$D J\$'A^N,26\_)LDGL&,<"<%0,<1\`!0\*%!0(&8+a"IP  
M'2B!=3DQ`!4 JDF%U9+9I,# `P'(B("I2<PJPYF,H``-097\$\$(< K ,I'[!;\$<  
M,# \*=3D2Q\_+8\FNBI24R\$0,[ a8C%A(#)A:[D2`"Xa`V #\$,a<P-P7F4("a`  
M&+ RL7,HX&UW\*P`a 1a<BL`-Z B\$'/K( `K86\$1\`XSW30-?/\`U\`;SU\_  
M(=3DXa2S=3D2\_-\$.& C/R1'/H\\_GT"O?T3?'L5'CAV/'IDSDC>40>A&4TLWY2 D  
ML >13\$/E\*E(R3%)(6aJ\$"H4W6/A\$1DTK\$")P\*# )a``0/4T!8BL`.-(KD\$VC  
M82#T-#A.HGH08 GP\*7\$RHUd\*4&YC\*P`J4B=3D0<'/V)RA4('!T\*^ )\"a0!N!^  
M=3D05 `2!2HC<74K X4%3[\*a0IT6XE\$I!>.\$QW# a\_Q^A\*Q J5##Q,\*,K`"]1  
M"&!S4P\$J=3D\$1I&+!!DE" +?]04BN0\*7\$P`#>a0\ PD .a^2#P.#aXP3?a.0`K  
M823a\_0Aa;!^0+Z\$["\$ (a,-=3D8`X=3D9(C,1( !(22\$I30L^055!`) -L# 2\*I)3  
M2:1'.B>F=3D7 )P&\$-L.<J<#G1!>%%>!&Q'0!>`:<I8"Ca!F%V:3\*!4%S"WR1a  
M4% QH3GB!!!A94 \$(-QS=3D#B2)],JDF08L&0S`%=3D)3DU!24PN>\$1!5"a0`D`  
MT"H`9#X\_30I.^aLW%C(!T"!`5'=3DY`Z!2">!D`\_%7<#%"14P\*HV9!`%!M]S`  
M9D)-<5)D,#&1!K!GL!<a4!20"K)H`D!P.B]T+W=3DPT"XR806a;J N"W%!3Q1]  
M<C ``P`0\$ ``````#`!\$0``````\$`!S! P\_%(I=3D>[ `4 ``#! P\_%(I=3D>[ `1X`  
<0`!````!0````%)%.B ``````P`--/TW``!6a=3D>[  
,

end

-----  
Date: Thu, 21 Nov 1996 08:05:02 -0500  
From: Gwyn Reedy <gwyn@paccomm.com>  
To: "'aprssid@tpr.org'" <aprssid@tpr.org>  
Subject: RE: AFSK freqs  
Message-ID: <01BBD782.B39C35E0@gwyn.paccomm.com>

Word below 'counted' should be 'coined.' New spell checker got away from=  
=20

me and changed it!

-----  
From: Gwyn Reedy[SMTP:gwyn@paccomm.com]  
Sent: Thursday, November 21, 1996 7:17 AM  
To: 'aprssid@tapr.org'  
Subject: RE: [APRSSIG:6629] AFSK freqs

On Wednesday, November 20, 1996 12:57 PM, Frank=20  
McJunkins[SMTP:fmcjunki@cks.ssd.k12.wa.us] wrote:  
>Ok, I have all this high tech literature here and the only (simple) answer  
>I can't seem to find is what the audio mark and space freqs are for 1200  
>and 9600 baud packet. Will someone refresh my memory banks, please.  
>  
>Frank McJunkins K7RSD fmcjunki@cks.ssd.k12.wa.us  
>

1200 baud AFSK packet uses 1200 and 2200 HZ

9600 baud DFM (called FSK by some) uses a 4800 Hz center frequency and=20  
'FMs' this between about 10 Hz and 9600 Hz. There are not any mark and=20  
space tones (and that is why I counted the Direct FM - DFM) term back in=20  
1988 so people wouldn't ask what the mark and space tones are, HI!)

An aside to the SIG: I have upgraded my MS Exchange with Service Pack 2. =  
Do=20  
my messages still have the dreaded WINMAIL.DAT attached?

Gwyn Reedy, W1BEL  
PacComm Packet Radio Systems  
<http://www.paccomm.com>

Gwyn Reedy, W1BEL  
PacComm Packet Radio Systems  
<http://www.paccomm.com>

begin 600 WINMAIL.DAT  
M>)\^(a0-`0:0" ` \$ ``````!``\$ ``0>0!a(```Y 0````````#H``\$(a <`  
M& ```\$E032Y-:6-R;W-09G0a36%I;"Y.;W1E`#\$(`0V ! ``````a`````\$ \$  
MD 8`# \$ ```\$ `````, ````P``, (````+``\.` ``````(!\_P\!````/P``````  
M``"! \*Q^DOJ,0&9UN`-T!#U0" `````&%P<G-S:6=3D =3D&%P<BY0<F<`4TU44 !A

M< )S<VEG0'1A<'(N;W)G>'>(P'0'4''13510'X'S'!  
M\$0``&#P<G-S:6=3D =3D&#P<BYO<F< ```` P`5# \$ ```` # /X/!& `` `!X` `3 !  
M` `` `\$P` `` `'=3DA<' )S<VEG0'1A<'(N;W)G)P` `` &\$+, \$ `` `` 6` `` `4TU44#I!  
M4%)34TE'0%1!4%(N3U)' `` `` P` .0` `` `` + \$ Z`0` `` `` (!)&!` `` `` ! ``  
M` `` `` (1+&\$ \$ \$ ` `& `` %).B! ;05!24U-)1SHV-C(Y72!!1E-+(&9R97%S  
M`%D(`06 `P`. `` `` S <+`!4` `` `%``(!` `&`0\$&&, #& `` ,P` "P`5` `&  
M! `&`0` ``0\$!"8 !` `` \$ `` `X,34P0S4X138X-#-\$,#\$Q.#!\$-3 P-# P-3(Y  
MOD-\$-P#C!&\$#D 8'? 8`!0` `` `` +``, `` `` ,)`& `` `` `` P` I` `` `` `` #  
M` "X` `` `` , -& `` `` 0 `Y.` "099NLU[L!`&!P` \$ `` `` > `` `` 4D4Z(%M!  
M4%)34TE'.C8V,CE=3D(\$&4TL&9G)E<7, `` `` `` 7\$`0` `` `!L` `` `!N]>F"\*".  
MQ5![0V&1T(#5`\$ %\*;S7`&<6-\$`&`># \$ `` `` % `` `` 4TU44 `` `` >`!\,  
M`0` `` `!\$` `` `!G=3DWEN0`!A8V-0;6TN8V)M` `` `` ,`!A#U4,V\_`P` \$- #` `` >  
M`&0`0` `` &4` `` `!73U)\$0D5,3U=3D#3U5.5\$5\$4TA/54Q\$0D5#3TE.141.15=3D3  
M4\$5,3\$-(14-+15)'3U1!5T%91E)/34U%04Y\$0TA!3D=3D%1\$E4+2TM+2TM+2TM  
M+4923TTZ1U=3D93E)%14194TU44#I` `` `` `` (!"1 !` `` `` Z`0` `` .0\$` `` "-`0` ``  
M3%I&=3D<N:%`7\_`H!#P(5`J0#Y 7K`H,`4!,#5 (`8V&#P'-E=3D&XR!&#PP\*\*  
M,&/%&!PS')Q#\$B \_\V8S`\8`\$V4"as05`V8U\$P<1M3!=3D%89]"H (SPG9.QG?  
M,80R.!K\_93(U-0\* !PJ!#;\$+8&YG,3 S+Q4`"PH5`ap!8Q+&(=%=3DA!;!D(&)E  
M&7 `X"<!:;!U`C )&"<&<VB)"&!L(\$&LaN "`8 N(4!Y![-S<"!P`R 1L 60  
M:Q\$\$\$D"!G;P5 87=3DAM'Da`U(&!X D`&X&a0(<1L1XP"8 a:70A"H2#"H0\*)&QI  
M,3ap`M`&:2TQ-#0-\ S0)Y.Y"UDQ-&Ja`V A&,%0+XM\*;<F-BAK## I-D8#  
M81XZ"N\$H;REQ#((&1W<\*=>0.&4&Ga9`E;4Z!-5% Z9RYAO JPHF,%H&UM+B\_1  
M72I?GRML!F ", "R/+9I4: AP%'-D)# L![!0=3DF43!M CH3(Q-. Q.3E -B W  
M.C\$W%8!-,S!0\*\$VQ4;S\*?+9DG86,3D 00:6=3D `9 3D"X9!;!G)S:?,7UU8FHG  
M\*7\$XKRV:4D4]X%M!`%!24U-)1SHV\$#8R.5T5&a932\_\$D465Q<R7?)N\$!POM&  
MUQ8R'ZOI)T\#H%<)&") 332N,#6U`! Z-3904`Y--. L0 !P:P708THU(/!K  
M`X!S+00\$4&-J94?20". <RX\$\$")&:T4<\$"XD("YU<T# =3D\_4IOCH\*A#X+1A+R  
M`Z,`4.5\$)VLTX\$D&a< U("0`N2,A=3D&a\$`\$Ta.L!H3;#?!9!.0";P(1!'4'0(  
M<"`&aOR-&3S\$DXDW (> "("&PD0,HH`)!M`U!E\*231`^!W!) [C\$\_-=3D\$L?3"E-  
M\$&. ]` ` G!4 1\#4P3;!0)%!W`X Ea00&=3DQ' !4!/ \F'8=3D61I5A `P')`&"3B  
M\_R+P`- AX\$\$S) !/,0(0!<#\_`! G,%\_%4H]3GRDG).(U\#<G,"!05T\$a+Z\$c  
MD'ONK2\*05P,0`R!S`W!E`B#(> 9X\$\$Q(6 DH"1 !X \$8&YR)\$!>`\$=3DP<S3a  
M4,%A\_1`P+EF\_6L];WRDF8; }BST=3DCWRNY1VL&2S=3D (\$3\_(I!(GTFG96)F?V>/  
M9.]LS)]OBEEC7?1 XUY4(\$H0!Y'+<E,DXC)R8DA:08I=3DJ?A\$1DU0<%50(R E  
M<4#R`F(D0%\R4/!SLV\$a-/LG(730>B- ,F#\$CH4\$R"E"L;F,D0`3B)W: <R%=20  
M>TW#(&!T44 )\"0`!N!U\_P5 `E!XLEUW>,!>L#1a3W/U3S%N(^)N8\$%70%8`  
M10'\_4`! /M%;15H,D0%4Q(.1/X)Q\$:1Ga+!)VD"UV8E#P?T(1))!>``. )9 #  
MH#70./XX7R%>0%]&4,%\*0`&"57)\_87!`&:W?B]\_,ECQ-.(Z\$DA\*74+07M1  
M`) -L\$]5\D\_R0\$)-!G5P`<!ASPVP(\$!&,07A17&E)\$I IR6&3D &879I6&%0  
MaM+?2<!V8%>!8\$(\$&\$E8 0aW'-T70)-,T\_R9!GaBD,`5TE.34%)3"YX1\$%4  
M) ``0`#0(V!D]C)!BB8\,UW <\$TI-BY8P33&5S%"14P\*A8Q1[PA0+\_`,0W.!  
M4HI 5W\$&L+^-P#4P;"]#ER&0+8=3DL1W %(\$!H`D!P.B\0=3D\_V:`"X0J9)?;YN1  
MSQ|E;WO?"H0+-0=3DB`=3D"3OTR4 Y8.+PJCF9^:I282?:7 `P`0\$ `` `` `#`!\$0



M` `` `` \$ ` !S#aCOAYK→[ `4 ` "##aCOAYK→[ `1X`/0`!` `` ``!0` `` %)%.B ` ` ` ` `P`--/TW` `` `#!=3D>[  
`  
end

-----  
Date: Thu, 21 Nov 1996 08:28:38 -0600  
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>  
To: aprssig@tapr.org  
Subject: Chicago area DFjr  
Message-ID: <1.5.4.32.19961121142838.006aa8b0@tbcnet.com>

Anyone knowing the Chicago area contact having DFjr's to sell, please con=  
tact:  
Roger Sellers  
rseelers@snds.com

73

jbl

-----  
J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com=20  
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>  
American Red Cross Disaster Services - DeKalb Co Chapter

-----  
Date: Thu, 21 Nov 1996 07:41:31 -0700  
From: Chris Dapples <ccdapple@wtp.net>  
To: aprssig <aprssig@tapr.org>  
Subject: RE: AFSK freqs  
Message-ID: <9611211441.AA23686@wtpprod1.wtp.net>

Yes, it is still there.

Chris Dapples, KF7KN  
ccdapple@wtp.net

> From: gwyn@paccomm.com

> Date: 11/21/96 6:21:40AM  
> To: aprssig  
> Subject: [APRSSIG:6647] RE: AFSK freqs  
> <SNIP> =20  
> =20  
> An aside to the SIG: I have upgraded my MS Exchange with  
> Service Pack 2. Do=20  
> my messages still have the dreaded WINMAIL.DAT attached?  
> =20  
> =20  
> Gwyn Reedy, W1BEL  
> PacComm Packet Radio Systems  
> <http://www.paccomm.com>  
> =20  
> =20  
> =20  
> =20

-----  
Date: Thu, 21 Nov 1996 09:56:19 -0500 (EST)  
From: Bob Bruninga <[bruninga@nadn.navy.mil](mailto:bruninga@nadn.navy.mil)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: APRSdos files  
Message-ID: <[Pine.GS0.3.95.961121095247.15118E-100000@arctic](mailto:Pine.GS0.3.95.961121095247.15118E-100000@arctic)>

Now that I have direct access, I will be posting all of my new APRS stuff directly into the following directory WITHOUT posting it first in UPLOAD.

So look for my original APRS distribution files in:

[tapr/SIG/aprssiG/files/dosstuff/APRSdos](mailto:tapr/SIG/aprssiG/files/dosstuff/APRSdos)

Notice that the last directory name changed from DOSaprs to APRSdos, so change your links accordingly...

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org) =20  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----  
Date: Thu, 21 Nov 1996 08:51:26 -0600  
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>  
To: aprssig@tapr.org  
Subject: Chicago area DFjr contact  
Message-ID: <1.5.4.32.19961121145126.006be3d4@tbcnet.com>

Correction!!!! Right address!!!!

Anyone knowing the Chicago area contact having DFjr's to sell, please contact:

Roger Sellers  
rsellers@snds.com

73

jbl

-----  
J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com=20  
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>  
American Red Cross Disaster Services - DeKalb Co Chapter

-----  
Date: Thu, 21 Nov 1996 10:04:32 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: Question  
Message-ID: <Pine.GS0.3.95.961121100355.15118G-100000@arctic>

On Wed, 20 Nov 1996, David/Roxanne McCarthy wrote:

> What if you don't have any previous version. nada.  
> =3D=3D=3D=3D=3D=3D=3D=3D=3D=3D  
> New user question:  
> Can I download any aprsDOS upgrades from tapr.org and install it over my  
> current version? I have 77b, I downloaded 77e. Do I have to make any  
> other changes to my config if I do this?

APRSdos REPLY/COMMENT: I will be posting APRS77e.zip today

Reply mail addr: wb4apr@amsat.org =20  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Thu, 21 Nov 1996 10:02:52 -0500  
From: John M Domblewski <wendysue@global2000.net>  
To: aprssig@tapr.org  
Subject: RE: AFSK freqs  
Message-ID: <32946F1C.50C9@global2000.net>

Gwyn Reedy wrote:

>=20

> Word below 'counted' should be 'coined.' New spell checker got away from

> me and changed it!

>=20

> -----

> From: Gwyn Reedy[SMTP:gwyn@paccomm.com]

> Sent: Thursday, November 21, 1996 7:17 AM

> To: 'aprssig@tapr.org'

> Subject: RE: [APRSSIG:6629] AFSK freqs

>=20

> On Wednesday, November 20, 1996 12:57 PM, Frank

> McJunkins[SMTP:fmcjunki@cks.ssd.k12.wa.us] wrote:

> >Ok, I have all this high tech literature here and the only (simple) answer

> >I can't seem to find is what the audio mark and space freqs are for 1200

> >and 9600 baud packet. Will someone refresh my memory banks, please.

> >

> >Frank McJunkins K7RSD fmcjunki@cks.ssd.k12.wa.us

> >

>=20

> 1200 baud AFSK packet uses 1200 and 2200 HZ

>=20

> 9600 baud DFM (called FSK by some) uses a 4800 Hz center frequency and

> 'FM's' this between about 10 Hz and 9600 Hz. There are not any mark and

> space tones (and that is why I counted the Direct FM - DFM) term back in

> 1988 so people wouldn't ask what the mark and space tones are, HI!)

```
> An aside to the SIG: I have upgraded my MS Exchange with Service Pack 2=
.. Do
```

 $\gamma = 20$ 

```
> http://www.paccomm.com
```

 $\gamma = 20$ 

```
> http://www.paccomm.com
```

 $\geq 20$ 

> M>)\(^(\a0-`0:0" \$\$\$\$!\$\$\$0>0!a`(\`Y 0`#H`\$(a<  
> M&`\$\$E032Y-:6-R;W-09G0a36I;"Y.;W1E`##(\$`0V !`"``````a`"``\$\$  
> MD 8`# \$`\$`\$`\$,````P``, (````+`.\` ``````(!\_P!|````/P` ````  
> M`""! \*Q^DOJ,0&9UN`-T!#U0"``````&P<G-S:6=3D =3D&P<BY0<F<`4TU44 !A  
> M<' )S<VEG0'1A<' (N;W)G` ``>`` (P`0` ``4` ``!33510` ````!X`S !` ``  
> M\$0` ``&P<G-S:6=3D =3D&P<BY0<F<````P`5# \$` ```#`/X/!a` ``!X`3 !  
> M` ``\$P` ``"=3DA<' )S<VEG0'1A<' (N;W)G)P` ``a\$+, \$` ``6` ``4TU44#I!  
> M4%)34TE'0%1!4%(N3U)' ````P` .0` ````+`\$ Z`0` ````(!]a\!` ````! ``  
> M` ````(1+a\$\$\$a \$` `a` ``%)%.B!;05!24U-)1SHV-C(Y72!!1E-+(&9R97%S  
> M`%D(`06 `P` .````S <+`!4" ` %``(`! `&`0\$a\$a, `#a` ``,P`"P`5` `a`  
> M! `&`0`"0\$!"8 !`"\$` ``X,34P0S4X138X-#-\$,##Q.#!\$-3 P-# P-3(Y  
> M0D-\$-P#C!a\$#D 8`? 8`!0` ````+``, `````` ,)a` ````"P`I` ``````#  
> M`"X` `````` ,`-a` ````0 `Y` ."099NLU[L!`a!P`\$` ````>````4D4Z(%M!  
> M4%)34TE`.C8V,CE=3D(\$&4TLa9G)E<7, ````"``7\$` `0` ``!L` ````!N]>F"\*".  
> MQ5![0Va1T(#5\$ \$%;S7`&6-\$` `a`># \$` ````%` ````4TU44` ````>`!\\,  
> M`0` ``!\$` ``!G=3DWEN0`!A8V-0;6TN8V)M` ```` ,`!A#U4,V\_`P`\$`- #` ``>  
> M` `a0`0` ``&4` ``!73U)\$0D5,3U=3D#3U5.5\$5\$4TA/54Q\$0D5#3TE.141.15=3D3  
> M4\$5,3\$-(14-+15)`3U1!5T%91E)/34U%04Y\$0TA!3D=3D%1\$E4+2TM+2TM+2TM  
> M+4923TTZ1U=3D93E)%14194TU44#I` ``````(!"1 !` ``Z`0` .0\$` ``"-`0` ``  
> M3%I&=3D<N:%`7\_` `H!#P(5`J0#Y 7K`H,`4!,#5 (`8VaaP`-E=3D&XR!a`&PP##  
> M,a/%`a!PS')Q\$B /\_V8S`\\8`\$V4`aS05`V8U\$P<1M3!=3D%89)`H (SPG9.QG?  
> M,80R.`K\_93(U-0\* !PJ!#;\$+8&YG,3 S+Q4`"PH5`aP!8Q+a(=%=3DA!;!D(&)E  
> M&7 `X`"-!;!U`C` )a`<a<VB)"&!L(\$ (aLaN "8 N(4!Y![-S<"!P`R 1L 60  
> M:Q\$\$\$D"!G;P5 87=3DAM`Da`U(a!X D`&Xa0(<1L1XP"8 a:70A"H2#`H0\*)&QI  
> M,3aP`M`a:2TQ-#0-\\ S0)Y.Y`"UDQ-aJa`V A\$&,%0+XM\*;<F-BAK## I-D8#  
> M81XZ"N\$H;REQ#((a1W<\*>0.a4aGa9`E;4Z!-5% Z9RYA0 JPHF,%H&UM+B\_1  
> M72I?GRML!F " , "R/+9I4: AP%`-D)# L![!0=3DF43!M CH3(Q-. Q.3E -B W  
> M.C\$W%8!-,S!0\*VQ4;S\*?+9DG86,3D 00:6=3D `9 3D"X9!;!G)S:?,7UU8FHG  
> M\*7\$XKRV:4D4]X%M!`%!24U-)1SHV\$#8R.5T5a\$932 \$D4650<R7?)N\$!POM&

```

> MUQ8R'Z0I)T\#H%<)a") 332N,#6U'! Z-3904"Y--. L0 !P:P708THU(/!K
> M"X!S+00$4&-J94?20". <RX$$")a:T4<$"XD("YU<T# =3D_4I0CH*A#X+1A+R
> M'Z,`4.5$)VLTX$Daa< U("0`N2,A=3D&a$`$Ta.L!H3;#?!9!.0";P(1!'4'0(
> M<"`a0R-a3S$DXDW (> "(&PD0,HH`)!M"U!E*231`^!W!) [C$-_=3D$L?3"E-
> M$&.]`' G!4 1\#4P3;!0)%!W"X Ea00a=3DQ' !4!/\F'8=3D61I5A `P')'a"3B
> M_R+P`- AX$$S) !/,0(0!<#_`! G,%%_4H]3GRDG).(U\#<G,"!05T$a+Z$C
> MD'0NK2*05P,0`R!S`W!E`B#_(> 9X$$Q(6 DH"1 !X $8&YR)$!>`$=3DP<S3a
> M4,%A_1'P+EF_6L];WRDF8;]BST=3DCWRNY1VLa2S=3D ($3_(I!(GTFG96]F?V>/
> M9.])LS]]OBEEC7?1 XUY4($H0!Y'+<E,DXC)R8DA:08I=3DJ?A$1DU0<%50(R E
> M<4#R'F(D0%\R4/!SLV$a-/LG(730>B- ,F$CH4$R"E"L;F,D0"3B)W: <R%
> M>TW#(&T44 )\"0`!N!U_P5 'E!XLEUW>,!>L#1a3W/U3S%N(^)N8$%70%8`
> M10'_4'!/M%;15H,D0%4Q(.1/X]Q$:1Ga+!)VD"UV8E#P?T(1))!>`". )9 #
> MH#70./XX7R%>0%]a4,%*0"8"57)_87!'a%:W?B]_,ECQ-.!(Z$DA*74+07M1
> M`) -L$]5\D_R0$)-!G5P"<!ASPVP($!a,07A17aE)$I IR6a3D &879I6&%0
> MaM+?2<!V8%>!8$($$&$E8 0aW'-T70)-,T_R9!GaBD,`5TE.34%)3"YX1$%4
> M) ``0 #0(V!D]C)!BB8\,UW <$TI-BY8P33a5S%"14P*A8Q1[PA0+_",0W.!
> M4HI 5W$&L+^~P#4P;"]#ER&0+8=3DL1W %($!H`D!P.B\0=3D_V:``X0J9)?;YN1
> MSQ]E;W0?"H0+-Q=3DB`=3D"30TR4_Y8.+PJCF9^:I282?:7 `P`0$ `````#`!$0
> M`````$ `!S#aCOAYK->[`4 ``##aCOAYK->[`1X`/0`!````!0````%)%.B `
> -`````P`--/TW```#!=3D>[
> `
> end

```

Yes

John

-----

End of APRSSIG Digest 777

\*\*\*\*\*

From aprssig@tapr.org Fri Nov 22 00:08:10 1996

Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP

id AA1634 ; Thu, 21 Nov 96 23:34:38 UTC

Received: from tapr.org (localhost [127.0.0.1]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id WAA12364; Thu, 21 Nov 1996 22:33:40 -0600 (CST)

Date: Thu, 21 Nov 1996 22:33:40 -0600 (CST)

Message-Id: <2.2.32.19961122042231.0072f0d8@pop.radix.net>

Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6687] APRSSIG digest 778  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Content-Type: text/plain; charset="us-ascii"  
X-Mailer: Windows Eudora Pro Version 2.2 (32)  
Status: R

### APRSSIG Digest 778

Topics covered in this issue include:

- 1) Re: aprs77d error code..  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 2) HID setting  
by Mike Heskett <mheskett@starttext.net>
- 3) Re: Delorme Tripmate additional information.  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 4) Tripmates as stand-alone APRS trackers  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 5) APRS Mic-E in use!  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 6) Delorme Tripmate Contact Point  
by "Eric A. Cottrell" <eac@shore.net>
- 7) VHF to HF  
by David/Roxanne McCarthy <davidmc@goodnet.com>
- 8) Re: latest version of KPC-3  
by "Mark D. Fellhauer" <sparkfel@primenet.com>
- 9) Re: HID setting  
by rkramer@merge1.mergetel.com (Ronald Kramer)
- 10) KAM Plus  
by rkramer@merge1.mergetel.com (Ronald Kramer)
- 11) Re: KAM Plus  
by Mark Sproul <sproul@ap.org>
- 12) Re: KAM Plus  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 13) REQ:Info. On Low Priced GPS  
by "Jamie R. Dean" <ke4htm@bluenet.net>

- 14) Re: HID setting  
by Steve Dimse <sdimse@bridge.net>
- 15) bamaps96.zip  
by Tom Kinahan <kinahan@cassatt.Mass-USR.COM>
- 16) Re: Delorme Tripmate additional information.  
by "Mark D. Fellhauer" <sparkfel@primenet.com>
- 17) Re: KAM Plus  
by Steve Dimse <sdimse@bridge.net>
- 18) Re: bamaps96.zip  
by rbeckett@Schwab.COM
- 19) Re: Digest mode  
by stanzepa@usa.nai.net (stan horzepa)
- 20) Re: Return address?  
by schiers@ames.net
- 21) RE: Return address?  
by schiers@ames.net
- 22) Re: [TAPR-SYS:592] DIGEST Mode on Web Page Now  
by Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>
- 23) Re: REQ:Info. On Low Priced GPS  
by dkaszubski@why.net (dkaszubski)
- 24) Re: HID setting  
by Jim Duncan <ku0g@sprynet.com>
- 25) Re: HID setting  
by "Sam Nabkey, K8SN" <snabkey@k8sn.org>
- 26) Re: AEA out of business  
by n2czf@magg.net
- 27) Re: More Killer Mail  
by Tommie Taylor <tomcmugs@n-link.com>
- 28) MAPFIX28  
by jud <judlynn@norfolk.infi.net>
- 29) test msg  
by david.kerr@projectx.com (DAVID KERR)
- 30) Re: REQ:Info. On Low Priced GPS  
by David Wells <davew@cruzio.com>
- 31) Re: APRS/Java ..  
by "Aaron Morrison" <ae4ko@magicnet.net>
- 32) Egobulletins  
by rwf <rwf@mindspring.com>
- 33) Re: REQ:Info. On Low Priced GPS  
by Dayglo <dayglo@radix.net>

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Date: Thu, 21 Nov 1996 10:07:54 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: aprs77d error code..  
Message-ID: <Pine.GS0.3.95.961121100456.15118H-100000@arctic>

On Wed, 20 Nov 1996, pete ouellette wrote:

> I am trying to install/run aprs77d on a '386-16 spare computer but keep  
> getting the error "Ooops! ERR number 68 Hit enter to resume" right  
> after it draws the USA map, and then everything locks up. Does anyone  
know  
> what this is or how to solve it?

APRSdos REPLY/COMMENT: That is DEVICE NOT AVAILBLE. IE, your COMM port!  
It is a MICROSOFT bullet. Whatever they do when they boot to windows  
makes your COMM port disappear to QBasic! And they wrote QBasic!

You can prove that it is their fault. SIMply write the following one line  
QBasic program: OPEN "COM1:9600,n,8,1" as #1

and you will get the error!

The only way around it is to boot directly to DOS. Dont let Windows  
run...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Thu, 21 Nov 1996 09:06:48 -0600  
From: Mike Heskett <mheskett@startext.net>  
To: aprssig@tapr.org  
Subject: HID setting  
Message-ID: <32947008.1DD4@mail.startext.net>

Bob Bruninga wrote:

>  
> On Tue, 19 Nov 1996 JOHN.LANGTRY@resonet.com wrote:  
>  
> > So please, unless there is a U.S. law that requires

> > an Ident other than that provided by APRS, TURN YOUR HID OFF.  
>  
> APRSdos REPLY/COMMENT: I agree completely! If you have special SSID's  
> put those in your STATUS beacon. I think i'll put HID OFF in the init  
> files...  
>  
>

I think this topic was discussed about a year ago. It seems to me that  
HID should be on to provide the proper/legal identification of a  
station. If your position and beacon have decayed to more than 10  
minutes and your station is being used to digipeat as one of the generic  
aliases (Relay - Wide), then your station might not transmit proper  
identification without HID ON. When you digipeat as a "relay" or "wide"  
your callsign is not transmitted as part of that digipeated packet.

==/  
Mike Heskett email mheskett@startext.net  
WB5QLD packet WB5QLD@W05H.#DFW.TX.USA.NOAM  
Hurst, TX  
O-

-----  
Date: Thu, 21 Nov 1996 10:14:48 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmate additional information.  
Message-ID: <Pine.GS0.3.95.961121101402.15118J-100000@arctic>

Sounds like if there are enough of these GPS units out there, that it  
would be easy to add the INIT string to APRS.

Do I send it once, or everytime I need a new NMEA posit?

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----  
Date: Thu, 21 Nov 1996 10:19:37 -0500 (EST)

From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: "Eric A. Cottrell" <eac@shore.net>  
Subject: Tripmates as stand-alone APRS trackers  
Message-ID: <Pine.GS0.3.95.961121101736.15118K-100000@arctic>

On Wed, 20 Nov 1996, Eric A. Cottrell wrote:

> At the present time the receiver can be used with Street Atlas 4.0 and  
> Map'n'Go Version 2.0. It is also possible to use a terminal program and  
> log the raw NMEA sentences to the Disk after sending the  
> \$IIGPQ,ASTRAL<cr><lf> string to the receiver. If a NMEA

APRSDOS REPLY/COMMENT: SOUNDS like a perfect APRS stand-alone tracker,  
since all of the Packet TNC's with GPS code support an INIT string so that  
the TNC can send the \$IIGPQ... itself! ANYone done this yet?

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Thu, 21 Nov 1996 10:25:26 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: APRS Mic-E in use!  
Message-ID: <Pine.GS0.3.95.961121102405.15118M-110000@arctic>

This message is in MIME format. The first part should be readable text,  
while the remaining parts are likely unreadable without MIME-aware tools.  
Send mail to mime@docserver.cac.washington.edu for more info.

--JAA16843.848587095/arctic.nadn.navy.mil  
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII  
Content-ID: <Pine.GS0.3.95.961121102405.151180@arctic>

I botched the attached message. Lemme try again.

--JAA16843.848587095/arctic.nadn.navy.mil  
Content-Type: MESSAGE/RFC822  
Content-ID: <Pine.GS0.3.95.961121102405.15118Q@arctic>  
Content-Description:

Return-Path: bruninga@nadn.navy.mil  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil  
(8.7.5/8.7.3) with SMTP id JAA16832 for <aprssig@tapr.ogr>; Thu, 21 Nov 1996  
09:38:13 -0500 (EST)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing  
-bs  
Date: Thu, 21 Nov 1996 09:38:12 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.ogr  
Subject: Mic-Encoder  
Message-ID: <Pine.GS0.3.95.961121092638.15118B-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I was asked to give a talk at one of the local Ham clubs last night and as a cobbler has no shoes, I had no APRS set up in the car, but when they informed me that they had a portable APRS station in the meeting room expecting to see me drive in, I realized all I had to do was pull out my GPS and plug it into my Mic-E.

All they had to do was retune their HT receiver to the repeater I was talking in on, and they saw my track just fine. In addition, as I arrived at a traffic backlog, I simply said "MARK this position as SLOWDOWN" and then as I passed the end of the slowdown, I said "Mark this position as CLEAR". Later I passed a police car with someone pulled over and I said "Mark this position with a Police car"

So in effect, we had the equivalent of the INPUT-ADD function for the Mic-E where you can add objects to the map! (assuming there is someone actively tracking you.

But, we could do it too! Will and I can give up another I/O pin and put a push button it. What it will do is send out a special position report that will ADD that position to the map as an additional OBJECT. Obviously, we can't give any selection to the type of symbol used (well, we could by letting the MESSAGE bits select 1 of 7 object types.... Hummmh..

Im sure there would be applications of this. Imagine a Pot-Hole Supervisor. All he does is drive along at 55 MPH and everytime he passes a pot hole, he presses the ADD button. Then his work crew lumbers along and stops at every marked position and fixes the pot-holes...

APRSdos REPLY/COMMENT:

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

--JAA16843.848587095/arctic.nadn.navy.mil--

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Date: Thu, 21 Nov 1996 10:33:20 -0500 (EST)

From: "Eric A. Cottrell" <[eac@shore.net](mailto:eac@shore.net)>

To: [amsat-bb@amsat.org](mailto:amsat-bb@amsat.org), [aprssig@tapr.org](mailto:aprssig@tapr.org)

Subject: Delorme Tripmate Contact Point

Message-ID: <199611211533.KAA23972@northshore.shore.net>

Hello,

I am currently collecting information and experimenting with the Delorme Tripmate. I am willing to help anyone wanting more information on hooking this unit up as this unit is different from other Rockwell Products.

I can be reached at [eac@shore.net](mailto:eac@shore.net) -or- [wb1hbu@amsat.org](mailto:wb1hbu@amsat.org).

73 Eric WB1HBU [eac@shore.net](mailto:eac@shore.net)

-----

Date: Thu, 21 Nov 1996 08:37:50 -0700

From: David/Roxanne McCarthy <[davidmc@goodnet.com](mailto:davidmc@goodnet.com)>

To: [aprssig@tapr.org](mailto:aprssig@tapr.org)

Subject: VHF to HF

Message-ID: <3294774D.75C2@goodnet.com>

I am trying to explain to someone new to APRS. Please tell me again. What is the problem with sending BEACONS and POSITS from VHF through a local GATE out to HF? Setting Unproto path to RELAY,WIDE,GATE etc...

Thank you in advance for your clarification.

--

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ  
email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam  
Visit the family homepage: <http://www.goodnet.com/~davidmc/>  
"As for me and my house, we will serve the Lord." Jos 24:15

-----

Date: Thu, 21 Nov 1996 09:07:58 -0700 (MST)  
From: "Mark D. Fellhauer" <sparkfel@primenet.com>  
To: aprssig@tapr.org, aprssig@tapr.org  
Subject: Re: latest version of KPC-3  
Message-ID: <1.5.4.16.19961121090800.1fc7f32c@mailhost.primenet.com>

At 10:38 AM 11/20/96 -0600, rbeckett@schwab.com wrote:

>

>May I please have the URL for Kantronics?

>

>73 - Rich WB6EEE

>

>

Yes, but in the time we used to respond to this you coulda just as easily  
used a search engine.

[www.kantronics.com](http://www.kantronics.com) (go figure)

And BTW, the Firmware version 6.0N mentioned is a special order item for  
node ops. Kantronics continues support for GPS in ALL of their standard  
TNC's.

73,

Mark  
KC7BXS

-----

Date: Thu, 21 Nov 1996 17:33:43 GMT  
From: rkramer@merge1.mergetel.com (Ronald Kramer)  
To: aprssig@tapr.org

Message-ID: <329591d1.3289128@mail.mergetel.com>

On Thu, 21 Nov 1996 09:21:13 -0600 (CST), you wrote:

```
> If your position and beacon have decayed to more than 10
>minutes and your station is being used to digipeat as one of the generic
>aliases (Relay - Wide), then your station might not transmit proper
>identification without HID ON. When you digipeat as a "relay" or "wide"
>your callsign is not transmitted as part of that digipeated packet.
>
>=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D=
=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D/=3D=3D=3D=
/=3D=3D=3D/=3D=3D=3D/
>Mike Heskett      email mheskett@startext.net =20
>WB5QLD            packet      WB5QLD#W05H.#DFW.TX.USA.NOAM
>Hurst, TX
```

I don't think this would apply as it would be the same as a voice repeater and they only are required to be identified when in use, you don't hear voice repeater's identify every 10 minutes if they are not in use.=20

73 de Ron Best Regard  
 Email: [rkramer@mergetel.com](mailto:rkramer@mergetel.com) [ve3mx@mergetel.com](mailto:ve3mx@mergetel.com)  
 Packet: [ve3mx@ve3snp](mailto:ve3mx@ve3snp)

Date: Thu, 21 Nov 1996 17:44:17 GMT  
From: rkramer@merge1.mergetel.com (Ronald Kramer)  
To: aprssig@tapr.org  
Subject: KAM Plus  
Message-ID: <32969412.3865951@mail.mergetel.com>

Bob is it possible to change the hf select switch chr  
in APRS for the Kam plus.  
The default chr is \$7E which is the ~ chr  
If I send out my http address in a bulletin=20  
the ~ chr is missing at the receiving station.  
such as my aprs homepage  
<http://www.mergetel.com/~rkramer>

when received by another aprs station comes out  
as :  
<http://www.mergetel.com/kramer>  
missing the ~r  
Thanks for your help

73 de Ron  
Email: [rkramer@mergetel.com](mailto:rkramer@mergetel.com)      [ve3mx@mergetel.com](mailto:ve3mx@mergetel.com)      Best Regard  
Packet: [ve3mx@ve3snp](mailto:ve3mx@ve3snp)

-----  
Date: Thu, 21 Nov 1996 12:21:09 -0500  
From: Mark Sproul <[sproul@ap.org](mailto:sproul@ap.org)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Re: KAM Plus  
Message-ID: <[v0300780caeba3fbec8cd@165.1.27.20](mailto:v0300780caeba3fbec8cd@165.1.27.20)>

>If I send out my http address in a bulletin  
>the ~ chr is missing at the receiving station.  
>such as my aprs homepage

This type of use is not what the bulletin is for, thats what the ID or  
BEACON string is for.

-----  
Date: Thu, 21 Nov 1996 12:54:23 -0500 (EST)  
From: Bob Bruninga <[bruninga@nadn.navy.mil](mailto:bruninga@nadn.navy.mil)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Re: KAM Plus  
Message-ID: <[Pine.GS0.3.95.961121125346.20119D-100000@arctic](mailto:Pine.GS0.3.95.961121125346.20119D-100000@arctic)>

On Thu, 21 Nov 1996, Ronald Kramer wrote:

> Bob is it possible to change the hf select switch chr  
> in APRS for the Kam plus.  
> The default chr is \$7E which is the ~ chr



Send out the PASS character before it and it should go through...

PASS is ctrl-V...

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----  
Date: Thu, 21 Nov 1996 13:18:34 -0500  
From: "Jamie R. Dean" <[ke4htm@bluenet.net](mailto:ke4htm@bluenet.net)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: REQ:Info. On Low Priced GPS  
Message-ID: <2.2.32.19961121181834.0069a29c@bluenet.net>

I'm looking for a low price (Around \$150 to \$250) that has a data port so I can hook it to my KPC-3 to do APRS. I've looked at a few around \$140 to \$200 and they lack the data port. Any one have some Ideas??

tnx,  
Jamie - KE4HTM

Visit The Western NC APRS & Ham Radio Home Page  
<http://www.bluenet.net/ke4htm>

-----  
---  
  
-----  
Date: Thu, 21 Nov 96 13:56:41 -0500  
From: Steve Dimse <[sdimse@bridge.net](mailto:sdimse@bridge.net)>  
To: <[aprssig@tapr.org](mailto:aprssig@tapr.org)>  
Subject: Re: HID setting  
Message-ID: <199611211856.NAA22477@newworld.bridge.net>

>I dont think this would apply as it would be the same as a voice  
>repeater and they only are required to be identified when in use,  
>you don't hear voice repeater's identify every 10 minutes if they are  
>not in use.  
>

HID only identifies following a digipeated transmission, just as a repeater. It is needed unless you have a beacon, containing your call, that is sent every 10 minutes. Annoying, yes, but needed for legality.

Steve K4HG

-----

Date: Thu, 21 Nov 1996 14:31:25 -0500  
From: Tom Kinahan <kinahan@cassatt.Mass-USR.COM>  
To: aprssig@tapr.org  
Cc: wb4apr@amsat.org  
Subject: bamaps96.zip  
Message-ID: <2.2.32.19961121193125.00c0c310@cassatt>

Bob, and all,

bamaps96.zip is really maps for the 1996 BAA Boston Marathon, which are more detailed for the Marathon course than the mamaps03.zip. They were generated by W1KRU for this years event. I uploaded them before the standard of sending a text file with it was implemented. They aren't baja maps at all.

-Tom Kinahan N1CPE

WB4APR sed:

>This is the corrected latest list of maps that will be in the tapr.org  
>maps\PCMaps directory:

> bamaps96.zip Which is later this, or BajaMaps.zip?

-----

Tom Kinahan	Phone:	508-871-0305
US Robotics	Fax:	508-366-3626
Massachusetts R&D Lab	Email:	kinahan@mass-usr.com
4 Technology Drive	Amateur Radio:	N1CPE
Westboro, Ma. 01581		

-----  
Date: Thu, 21 Nov 1996 12:43:32 -0700 (MST)  
From: "Mark D. Fellhauer" <sparkfel@primenet.com>  
To: aprssig@tapr.org, aprssig@tapr.org  
Subject: Re: Delorme Tripmate additional information.  
Message-ID: <1.5.4.16.19961121124341.1c6f1bb8@mailhost.primenet.com>

At 10:12 PM 11/20/96 -0600, Eric A. Cottrell wrote:

>At the present time the receiver can be used with Street Atlas 4.0 and  
>Map'n'Go Version 2.0. It is also possible to use a terminal program and  
>log the raw NMEA sentences to the Disk after sending the  
>\$IIGPQ,ASTRAL<cr><lf> string to the receiver. If a NMEA  
>display/logging program cannot sent the \$IIGPQ string then it cannot  
>be used. The bright side is that at least one person is working on a  
>Display program using Basic that can use the receiver. It appears the  
>only proprietary part is the need for sending the \$IIGPQ string after  
>powerup. All other output appears to be NMEA.  
>  
>

Not a problem with the KPC-3, I think, as it can send a GPSINIT string.

Can anyone else confirm that? I'd have to dig up my supplemental manual.

Mark  
KC7BXS

-----  
Date: Thu, 21 Nov 96 15:00:54 -0500  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tapr.org>  
Subject: Re: KAM Plus  
Message-ID: <199611212000.PAA28801@newworld.bridge.net>

>>If I send out my http address in a bulletin  
>>the ~ chr is missing at the receiving station.  
>>such as my aprs homepage  
>

You need to send a cntrl-v before the ~ character...that tells the tnc not to treat the next character as anything special, just pass it thru.

Steve K4HG

-----  
Date: Thu, 21 Nov 1996 12:42:06 +0000  
From: rbeckett@Schwab.COM  
To: aprssig@tapr.org  
Subject: Re: bamaps96.zip  
Message-ID: <9611212041.AA01835@sv0001dev.dev.schwab.com>

> WB4APR sed:  
>  
> >This is the corrected latest list of maps that will be in the tapr.org  
> >maps\PCMaps directory:  
>  
> > bamaps96.zip Which is later this, or BajaMaps.zip?  
I would be interested in any maps of Baja and/or the West coast of Mexico. I looked for BajaMaps.zip and couldn't find it in PCMaps.

Thanks,

Rich WB6EEE

-----  
Date: Thu, 21 Nov 1996 16:11:35 -0500  
From: stanzepa@usa.nai.net (stan horzepa)  
To: aprssig@tapr.org  
Subject: Re: Digest mode  
Message-ID: <v01540b01aeba7498f532a[206.98.48.227]>

>Help!  
>  
>Can anyone tell me how to get this list service on digest mode?  
>  
>Thanks,

>dave

If you would like to change to digest mode, send a message to  
listserv@tapr.org containing only the following line:

set APRSSIG mail digest

-----

Date: Sun, 17 Nov 96 12:21:39 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: Return address?  
Message-ID: <199611212138.PAA23938@tapr.org>

In <891479@bbs.ames.net>, on 11/17/96 at 10:25 AM,  
aprssig@tapr.org said:

>Since other people echoed Roger's complaint...

>Some e-mail software allows you to show either an abbreviated version of  
>the message header, or the whole thing. If you show the entire message  
>header, you will see the address of the originator.

WRONG! WRONG! WRONG! (at least in the cases we are trying to discuss)

Not to beat a dead horse, but please READ, COMPREHEND!

The problem some of us are having has ABSOLUTELY NOTHING  
to do with our mailer software. The ISP (internet service  
provider) software is STRIPPING the headers, so there is  
no way to find out who the originator is. We have no  
control over this, other than screaming at our ISP, which  
several of us are doing. In the mean time is it too much  
to ask that people place their email address in the body/  
signature of their messages?

Because if it is, then a lot of mail that could reply  
privately will continue to go to the sig. Not because the  
people are incompetent or their software doesn't work right,

but simply because the ISP's software is stripping the headers. I am told there are several ISP software packages that are KNOWN to do this. At least my ISP is committed to changing software, but it's going to be weeks if not months, and other providers may not choose to worry about it.

End of Thread (we can only hope)

73,

hasan schiers, NOAN

-----  
schiers@ames.net  
-----

-----  
  
Date: Sun, 17 Nov 96 12:13:56 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: RE: Return address?  
Message-ID: <199611212138.PAA23961@tapr.org>

In <891534@bbs.ames.net>, on 11/17/96 at 11:28 AM,  
aprssig@tapr.org said:

>I have no problem finding private return address.

You would if your ISP was STRIPPING THEM...and that is exactly what some of us are having trouble with. The software is working perfectly (I am using OS/2), but my ISP is killing the darn headers. He knows it and is going to upgrade his ISP software...but not for a few months. Not all ISP's will be so responsive, so again, I PLEAD, please put your email address in the body/signature of your message to allow us to reply privately.

73,

hasan schiers, NOAN

-----  
schiers@ames.net



>

Jamie -

KE4HTM-----  
---

West Marine is selling the Garmin GPS 38 for \$149.95. It is supposed to be the Garmin 45 with a patch antenna built in, no BNC antenna connector, but it does have a NEMA Data port. The power requirements are not as flexible as the 45, but they do sell a 12 volt power cable seperately. 1-800-538-0775.

There should be a way to break into the case and put an antenna connection on the circuit board to add your own BNC. Anyone tried this yet? We Ham's think nothing of performing microsurgery on a \$500 Dual Band Handheld to expand coverage, but shy away from this. So, you lose the nitrogen charge that makes it waterproof, but you're gonna keep it inside where you can see it anyway, aren't you???

Just a thought, I already have a Garmin 45...

--

Dave Kaszubski           WB3FYV  
dkaszubski@why.net       also:   ustuia6v@ibmmail.com  
Benbrook, Texas   N 32 40.319'   W 097 26.844'

President of the   Texas Utilities Amateur Radio Club,  
                    Comanche Peak Chapter  
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society  
Still experimenting with APRS...  
<http://users.why.net/dkaszubski/>

-----

Date: Thu, 21 Nov 1996 15:03:13 -0800  
From: Jim Duncan <ku0g@sprynet.com>  
To: aprssig@tapr.org  
Subject: Re: HID setting  
Message-ID: <199611212303.PAA29014@m1.sprynet.com>

It would seem to me that the ONLY stations needing to use HID are the actual dedicated digipeaters (unmanned stations). We routinely tell all of the users in KC to turn HID Off...

73 de Jim, KU0G  
Chairman/Coordinator



Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

-----

Date: Thu, 21 Nov 1996 18:28:07 -0400  
From: "Sam Nabkey, K8SN" <snabkey@k8sn.org>  
To: aprssig@tapr.org  
Subject: Re: HID setting  
Message-ID: <199611212329.RAA28732@tapr.org>

On 21 Nov 96 at 10:35, Ronald Kramer wrote:

> I dont think this would apply as it would be the same as a voice  
> repeater and they only are required to be identified when in use,  
> you don't hear voice repeater's identify every 10 minutes if they  
> are not in use.

>

> 73 de Ron  
Best Regard  
> Email: rkramer@mergetel.com ve3mx@mergetel.com  
> Packet: ve3mx@ve3snp  
>

I think the HID needs to be on. APRS cannot tell what the devil the TNC is doing ( as far as it being used as a digipeater. ) so the fact that some one digis through the Station requires the Transmitter to ID since it was on the air. APRS will degrade into Beaconsing very little even though someone is digi'ing through the station.

I would keep HID on.

-----

Sam Nabkey - K8SN (at home)  
Internet: snabkey@k8sn.org  
amprnet: k8snaw8dc.ampr.org  
WWW: http://www.k8sn.org  
AX.25: K8SNaw8DC.#SWMI.MI.USA.NOAM  
Java APRS: http://www.k8sn.org/javAPRS

Fresh APRS Files: FTP ftp.k8sn.org

-----

Date: Thu, 21 Nov 1996 19:55:20 -0500  
From: n2czf@magg.net  
To: aprssig@tapr.org  
Subject: Re: AEA out of business  
Message-ID: <199611220055.TAA17810@grumpy.magg.net>

I had heard rumore of this one or two months ago from a industry insider. My co-worker could also not get a PK-232 replaced 4 months ago (insurance replacement after zeus zapped it!) and was given a DSP-12 instead.

>A.E.A. Out of Business. According to numerous reports A.E.A. has  
>suspended business operations and its employees laid off.

>--

>Rick Szpyrka       WB8TIF  
>Bloomfield Hills, MI USA  
>Email: wb8tifacris.com or wb8tif@amsat.org  
>URL: http://www.concentric.net/~wb8tif  
>  
>

-----

Date: Thu, 21 Nov 1996 19:33:54 -0800  
From: Tommie Taylor <tomcmugs@n-link.com>  
To: aprssig@tapr.org  
Subject: Re: More Killer Mail  
Message-ID: <32951F22.6094@n-link.com>

Roy Bost wrote:

>

> Look out it's back! Message #6564 stopped my IE Mail program dead in its  
> tracks.

> It appears to be the same message from last week...a Delivery Report from  
> the X400 Mail Gateway. Same individual is not getting his mail! Running a  
a

> back-up Mail program has sure saved a lot of grief!!! :-)

>

> Roy Bost, N5TAM

> Granbury, Tx.

> rbost@itexas.net

> 32 25' 33"N 97 48' 59"W

Yes, Mine just choked had to delete a bunch of repeated messages..

Tommy

--

CUSTOM MUGS, 13 Dana drive, Lampasas Tx 76550-1113

Internet: tomcmugs@n-link.com / tomcmugs@juno.com

Phone: (512) 556-4691 This is also a FAX Request line:)

We Print your Color Photos onto coffee mugs.... Check us out.

-----

Date: Thu, 21 Nov 1996 21:36:39 -0500 (EST)

From: jud <judlynn@norfolk.infi.net>

To: aprssig@tapr.org

Subject: MAPFIX28

Message-ID: <199611220236.VAA09630@mh004.infi.net>

Thanks to the help from this SIG I can now add roads to existing maps using Edit and New commands. I have a map now however that is giving me a problem. It is surrounded in a large yellow square with a small yellow circle in the upper left hand corner of the square. There is a green point in this circle. When I add a new road using Edit, New, enter name and color, Edit, Add and then Save, the road turns gray and a gray line shoots up to the circle in the corner. The road turns gray no matter what color I use for the road. How do I delete the little yellow circle and green point in the corner? Any help would be greatly appreciated. 73, Jud

)((((

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[o o]

=====000==(\_)==000=====

Jud French, KE4HFX

judlynn@norfolk.infi.net

=====

5423 Barnhollow Rd.

Norfolk, VA 23502-3604

-----

Date: Thu, 21 Nov 96 21:29:00 -5  
From: david.kerr@projectx.com (DAVID KERR)  
To: aprssig@tapr.org  
Subject: test msg  
Message-ID: <8CCA509.000100A18D.uuout@projectx.com>

Had a report that the dot in my address and /or john.langtry may cause problems on some systems. Have been using this address for years so better check with your sysop. My alternate address is ve3fgk@projectx.com is it does cause problems.

Try javAPRS Ontario at <http://www.peel.com/aprs> to see live aprs activity on 144.390 (Canadian National APRS frequency). Updated every 15 minutes to a maximum of 24 hours. Yes u do need Windows95 or equiv to see it.

73 de Dave, ve3fgk.

-----

Date: Thu, 21 Nov 1996 21:23:43 -0600 (CST)  
From: David Wells <davew@cruzio.com>  
To: aprssig@tapr.org  
Subject: Re: REQ:Info. On Low Priced GPS  
Message-ID: <9611211923.aa04481@bbs.cruzio.com>

> So, you lose  
>the nitrogen charge that makes it waterproof, but you're gonna keep it  
>inside where you can see it anyway, aren't you???  
>

A common misconception. There is no nitrogen charge. The final assy step is to put it in a chamber, evacuate the air and replace it with nitrogen. It is then removed from the chamber and a screw is sealed into the case. This procedure is called Marketing.

Dave  
David L. Wells KD6TO (KD6 Teletype Operator)  
INTERNET: davew@cruzio.com  
Watsonville, CA USA

-----

Date: Thu, 21 Nov 1996 23:12:07 -4  
From: "Aaron Morrison" <ae4ko@magicnet.net>  
To: aprssig@tapr.org  
Subject: Re: APRS/Java ..  
Message-ID: <199611220412.XAA17940@magicnet.magicnet.net>

> Date: Wed, 20 Nov 1996 19:46:12 -0600 (CST)  
> Reply-to: aprssig@tapr.org  
> From: joefoor@digitalexp.com (Foor, Joe)  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6635] Re: APRS/Java ..

> I seem to recall seeing a version of Netscape 3, for X-windows. Will  
> it run Java on a Linux system?  
>  
> regards,  
> Joe kf4dys

It should. (Haven't looked lately to remember 100%), Java was running on unix long before any other platform (namely the HotJava browser from Sun).

73

--

ae4ko@magicnet.net "I drank what?" - Last words of Socrates.  
<http://www.magicnet.net/~ae4ko/home.html>  
Orlando, FL

-----

Date: Thu, 21 Nov 1996 22:58:51 -0500  
From: rwf <rwf@mindspring.com>  
To: aprssig@tapr.org  
Subject: Egobulletins  
Message-ID: <3.0.32.19961121225839.006a389c@mindspring.com>

Mr Sproul said:

>This type of use is not what the bulletin is for, thats >what the ID or  
>BEACON string is for.

Amen-

Dear Abby-

Currently in the South here, we continue to see a bulletin of about 8-10 lines telling about someone's web page. It even has cute little graphics and blank lines for spacing and everything!

We all knew about the web page the first time he sent it, but how do we let him know we are now duly informed without making him think we are whining. We aren't ...we just want him to observe better operating habits in our busy network. I doubt he sees our stations because we don't path out that far. His path is WIDE,WIDE,WIDE or sometimes even 4 of them!

Seems like almost everyone has an APRS web page now, and we appreciate them- but we don't need to be reminded dozens of times a day.

Signed

Confused in Georgia

-----

Date: Thu, 21 Nov 1996 23:22:31 -0500

From: Dayglo <dayglo@radix.net>

To: aprssig@tapr.org

Subject: Re: REQ:Info. On Low Priced GPS

Message-ID: <2.2.32.19961122042231.0072f0d8@pop.radix.net>

At 12:24 PM 11/21/96 -0600, you wrote:

>I'm looking for a low price (Around \$150 to \$250) that has a data port so I  
>can hook it to my KPC-3 to do APRS. I've looked at a few around \$140 to  
\$200

>and they lack the data port. Any one have some Ideas??

I purchaced a Garmin GPS 40 for \$209 from EEB. I am completely satisfied with the unit. It not only has a data out port but also an external antenna port. The antenna port is a MCX connector. You can putchace a Garmin external antenna with 6' of cable for \$105 from EEB. For thes few extra dollars I would HIGHLY recommend purchacing the 40 and not the 38!

EEB

323 Mill St.  
Vienna VA 22180  
(703) 938-3350  
(703) 938-6911 Fax  
(800) 368-3270 Orders  
eeb@access.digex.net  
<http://www.access.digex.net/~eeb/eeb.html>

BTW Does anyone have any comments about the GPS-20 unit that TAPR is selling??? I do not want to use my Garmin 40 for APRS! Will there be any special projects designed around this particular unit?

-----

End of APRSSIG Digest 778

\*\*\*\*\*

From aprssig@tapr.org Fri Nov 22 22:45:48 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1635 ; Fri, 22 Nov 96 22:08:45 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA16387; Fri, 22 Nov 1996 22:38:47 -0600  
(CST)  
Date: Fri, 22 Nov 1996 22:38:47 -0600 (CST)  
Message-Id: <199611230438.WAA16387@tapr.org>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6714] APRSSIG digest 779  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Status: R

APRSSIG Digest 779

Topics covered in this issue include:

1) Re: DF Jr

- by BordingK@aol.com
- 2) Re: Egobulletins  
by rkramer@merget1.mergetel.com (Ron Kramer)
- 3) Re: REQ:Info. On Low Priced GPS  
by Boyd Prestwood <w2hob@mosquito.com>
- 4) RE: confused in Georgia  
by William Nolle <wa8inz@concentric.net>
- 5) emergency comms  
by sams@jetlink.net (Sam Stanifer)
- 6) Delorme Tripmate GPS  
by jkozak@aerols.com (John W. Kozak)
- 7) Re: DF Jr  
by Joe Agrelo <jagrelo@cris.com>
- 8) Re: Delorme Tripmate GPS  
by AC6JA@aol.com
- 9) Re: MAPFIX28  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 10) Re: test msg  
by "DENNIS A. EASON" <dennis.eason@sympatico.ca>
- 11) Latest APRSdos files  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 12) Re: APRS/Java ..  
by "Dale Heatherington" <wa4dsy@wa4dsy.radio.org>
- 13) Re: Jupiter Rockwell GPS board  
by Gerald J Creager <gerry@cs.tamu.edu>
- 14) re: APRS 7.5c USA.map  
by Jim Flanders <jimflanders@ti.com>
- 15) Re: DF Jr  
by Jim Flanders <jimflanders@ti.com>
- 16) Re: Jupiter Rockwell GPS board  
by rdkliman@ssd.rockwell.com
- 17) Message for rdkliman  
by "Eric A. Cottrell" <eac@shore.net>
- 18) bajamaps.zip  
by "William B. Bliss/WB6LPG" <wbliss@coastside.net>
- 19) Re: Jupiter Rockwell GPS board  
by rdkliman@ssd.rockwell.com
- 20) Re: Delorme Tripmate GPS  
by jkozak@aerols.com (John W. Kozak)
- 21) Re: REQ:Info. On Low Priced GPS try Garmin 38  
by Bryan Fair <brfair@flash.net>
- 22) December QST  
by "Greg Jones, WD5IVD" <wd5ivd@tapr.org>



- 23) Delorme Tripmate Works with WINAPRS!  
by msproul@aarn.net (ML Sproul)
- 24) Re: Killer mail revisited  
by hfigueroa@juno.com (Hector M Figueroa)
- 25) Re: Delorme Tripmate GPS  
by "Eric A. Cottrell" <eac@shore.net>
- 26) Re: Delorme Tripmaker GPS \$125 vs \$179  
by Arte Booten <N2ZRC@gnn.com>
- 27) Re: Delorme Tripmate additional information.  
by "Eric A. Cottrell" <eac@shore.net>

-----  
Date: Fri, 22 Nov 1996 00:02:52 -0500  
From: BordingK@aol.com  
To: aprssig@tapr.org  
Subject: Re: DF Jr  
Message-ID: <961122000251\_1552711951@emout17.mail.aol.com>

FYI

-----  
Date: Fri, 22 Nov 1996 05:49:00 GMT  
From: rkramer@mergetel.com (Ron Kramer)  
To: aprssig@tapr.org  
Subject: Re: Egobulletins  
Message-ID: <32b83dc5.2941221981@mail.mergetel.com>

On Thu, 21 Nov 1996 22:22:54 -0600 (CST), you wrote:

>Mr Sproul said:

>

>>This type of use is not what the bulletin is for, thats >what the ID or  
>>BEACON string is for.

>

>

>Amen-

What I quoted in the original msg was only part of the bulletin line  
the first part was "76to77e.zip upgrd at ....."

I consider this a useful bulletin, if it was just notifying people of my web page then I would not have put it out at all, it tells the=20 LOCAL users only, since I did not put it through a GATE, that a new version of APRSDOS was out and where to obtain it.....

73 de Ron

Email: rkramer@mergetel.com

Packet: ve3mx@ve3snp

Best Regards

ve3mx@mergetel.com

-----

Date: Fri, 22 Nov 1996 00:49:32 -0500 (EST)

From: Boyd Prestwood <w2hob@mosquito.com>

To: aprssig@tapr.org

Subject: Re: REQ:Info. On Low Priced GPS

Message-ID: <199611220549.AAA07082@itchy.mosquito.com>

At 22:31 11/21/96 -0600, you wrote:

>BTW Does anyone have any comments about the GPS-20 unit that TAPR is  
>selling??? I do not want to use my Garmin 40 for APRS! Will there be any  
>special projects designed around this particular unit?

I use two GPS-20's (TAPR group purchase) with Trimble antennas from Paccomm associated with two MIM 1.06's from Clement Engineering for standalone trackers. They work great... just as advertised... I plan to get more MIM's for some telemetry work. TAPR is about to offer MIC-E (MIM derivatives) which fit perfectly with a GPS-20.

The GPS-20 is an engine only... no case, no display, no keyboard, no battery compartment... comes with just a small coax pigtail with an MCX connector and a small (really small!) power/data connector for I/O. Treat them with TLC.

Check the docs with the DOS version for details of operation. The equipment works. Also, Tom Clark, W3IWI, will be introducing his Totally Accurate Clock project via TAPR which uses a GPS-20. Nifty stuff!

Have fun es 73 de Boyd

w2hob@mosquito.com

-----  
Date: Fri, 22 Nov 1996 00:41:26 -0800  
From: William Nolle <wa8inz@concentric.net>  
To: aprssig@tapr.org  
Subject: RE: confused in Georgia  
Message-ID: <32956736.4684@concentric.net>

> Dear Abby-  
> Currently in the South here, we continue to see a bulletin of about 8-10  
> lines telling about someone's web page. It even has cute little graphics  
> and blank lines for spacing and everything!  
>  
> Seems like almost everyone has an APRS web page now, and we appreciate  
> them- but we don't need to be reminded dozens of times a day.  
>  
> Signed  
>  
> Confused in Georgia

Well confused in Georgia, before I quit running APRS I seen many from  
Georgia  
trying get lot's of people to get in on buying APRS day in and day out,  
what's  
the difference. I also have a question for Dear Abby, why don't they just  
BUDLIST the person since that seems to be the norm their.

Signed

Confused in Alabama

-----  
Date: Fri, 22 Nov 1996 00:59:57 +0800  
From: sams@jetlink.net (Sam Stanifer)  
To: aprssig@tapr.org  
Subject: emergency comms  
Message-ID: <v01530500aeba2abeba55@[206.72.64.118]>

Interesting article in "Science" magazine for Nov. 1'96, by Noam (Columbia

University) and Sato (Konan University of Kobe, Japan), title is "Kobe's Lesson: Dial 711 for Open Emergency Communications".

They did analysis of emergency comms after Kobe, Mexico City (1985), San Francisco (1989) and Northridge (1994) earthquakes. Some bottom lines:

- \*landline and wireless telephone all go into instant saturation and stay that way for days. Pay phones stuffed with coins, also useless.
- \*Incoming (attempted) traffic by far greater than outgoing.
- \*Television provided nothing that anyone needed to know.
- \*People turned to talk radio (gasp!) for meaningful info via their BC band portables
- \*Too many batteries are barely enough
- \*Computer networks and BBS's were by far the most efficient means of passing vital comms
- \*Most interesting point was the appearance of "information volunteers" showing up with laptops
- \*They got "out and about", found out real needs, posted meaningful info about food, supplies, etc. and put this info on a regional MAP.
- \*Gov't agencies were clueless, like everyone else early in the disasters.
- \*Kobe had just installed \$80M satcomm system. It got two messages out before it failed.

Authors are recommending a decentralization of emergency information systems, with open access and horizontal communications. "Information volunteers" would log in information, "possibly into a schematic block-by-block display of a city". This would somehow be accessed by dialing 711. (this part not too clear). Amateur radio was not mentioned, but this has APRS written all over it.

73, Sam KJ6BU  
sams@jetlink.net

-----

Date: Fri, 22 Nov 1996 08:48:16 -0500 (EST)  
From: jkozak@erols.com (John W. Kozak)  
To: aprssig@tapr.org  
Subject: Delorme Tripmate GPS  
Message-ID: <199611221348.IAA27079@smtp1.erols.com>

>From reading the thread on this GPS, it sounds like it may well be useful for APRS applications. Since this \$125 offer seems to have been made only to previous Delorme customers, and general interest seems rather high, has anyone recieved the offer that is NOT interested in aquiring the GPS? Maybe they would be interested in passing on the offer to others? I am currently looking for the best deal on a GPS module to dedicate to my mobile tracker package and free up my Garmin GPS 90 for other uses. I don't like leaving this unit laying around baking in my car anyway.

John Kozak; N3AGG  
jkozak@aerols.com

-----  
Date: Fri, 22 Nov 1996 09:30:47 -0800  
From: Joe Agrelo <jagrelo@cris.com>  
To: aprssig@tapr.org  
Subject: Re: DF Jr  
Message-ID: <3295E347.215E@cris.com>

BordingK@aol.com wrote:

>

> FYI

FYI?

De Joe N200C

-----  
Date: Fri, 22 Nov 1996 09:40:34 -0500  
From: AC6JA@aol.com  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmate GPS  
Message-ID: <961122094033\_672012586@emout04.mail.aol.com>

if you're interested in a dedicated gps receiver for aprs tracking, might i suggest the GPS-20 from TAPR. it's a gps card without display. i used it with my kpc-3 and radio shack ht for a standalone tracker with never a problem. all it needs is a 5vdc power source and an antenna and it starts

spitting out gps data. i like it cause i can have the whole tracker come on and off with a switch, as opposed to using my garmin 45 handheld where i have

to hold a power switch for a few seconds to get it to come on and off. the gps card powers up automatically with power and starts acquiring satellites rapidly. only other connections are data out and ground. no initialization strings need to be sent to the receiver. i think i paid about \$165.00. anyways, hope this info helps you out.

73's Mike AC6JA

-----

Date: Fri, 22 Nov 1996 09:46:32 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: MAPFIX28  
Message-ID: <Pine.GS0.3.95.961122093731.11181A-100000@arctic>

On Thu, 21 Nov 1996, jud wrote:

> Thanks to the help from this SIG I can now add roads to existing maps using  
> Edit and New commands. I have a map now however that is giving me a problem.  
> upper left hand corner of the square. There is a green point in this circle.  
> When I add a new road using Edit, New, enter name and color, Edit, Add and  
> then Save, the road turns gray and a gray line shoots up to the circle in  
> the corner. The road turns gray no matter what color I use for the road.  
> How do I delete the little yellow circle and green point in the corner?  
Any

APRSdos REPLY/COMMENT: You have a map point with an X value of 0....  
Three techniques to try:

- 1 Try the TASKS-CLEAR which tries to clear out single points. Try using the command a couple of times.
2. Save the file and re-load it.
3. Try to determine where the point is in the whole file. Use the +/- and Next Prevoius keys to help.... Once you have found it, (or the one before

or after it), note its exact coordinates as shown in the lower left corner of the screen.... Save the file, then use EDIT or whatever editor you like to search for the point.. Clean up the file manually and then re-save it.

The whole idea is that 0,0 is used to separate features in the file. C,name is used to describe the feature and its color C. BUT when this file is loaded into APRS, the NAME is dropped and the 0,0 becomes 0,C where C is the color. So you see, that ANY point that starts with a 0, will begin a new feature. APRS gets confused if it sees two 0,C's together or with only one point between them,,,

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Fri, 22 Nov 1996 09:56:04 -0500  
From: "DENNIS A. EASON" <dennis.eason@sympatico.ca>  
To: aprssig@tqpr.org  
Subject: Re: test msg  
Message-ID: <199611221455.JAA07173@smtp1.sympatico.ca>

At 08:44 PM 21/11/96 -0600, you wrote:  
>Had a report that the dot in my address and /or john.langtry may cause  
>problems on some systems. Have been using this address for years so  
>better check with your sysop. My alternate address is ve3fgk@projectx.com  
>is it does cause problems.  
>Try javAPRS Ontario at <http://www.peel.com/aprs> to see live aprs activity  
>on 144.390 (Canadian National APRS frequency). Updated every 15 minutes to  
>a maximum of 24 hours. Yes u do need Windows95 or equiv to see it.  
>73 de Dave, ve3fgk.  
>  
>

HI DAVE NICE TO SEE YOU ON THE SIG E-MAIL.  
WILL YOU BE AT THE SOPRA MTG ON SUNDAY, HOPE TO SEE YOU THERE.  
73 DE DENNIS VE3BRO

-----

Date: Fri, 22 Nov 1996 10:19:01 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>

To: aprssig@tapr.org  
Subject: Latest APRSdos files  
Message-ID: <Pine.GS0.3.95.961122095703.14340A-100000@arctic>

Here is a summary of WB4APR's standard distribution files. These are posted in tapr/SIG/aprssiG/files/dosstuff/APRSdos

aprs77e.zip  
76to77e.zip  
emaps13.zip East coast maps \* In all of these map files, there has  
mmaps07.zip Midwest maps \* been little added in the last versions  
cmaps12.zip Central usa \* Maybe just 1 new map or so...  
wmaps11.zip West coast \*  
neamaps1.zip New England maps \* So you may not need to get the latest  
semaps12.zip South East maps \*  
mdmaps06.zip Maryland Cpk Bay area

APRS disks are distributed with the overall program zip file (about 1 Meg) and one of the given MAP files depending on your area (about 350K). All of these files should be unzipped with PKUNZIP -D. All other mapfiles that you see were made by the other state map coordinators and will be found in the:

tapr/SIG/aprssiG/files/maps/PCMaps directory...

Reply mail addr: wb4apra@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Fri, 22 Nov 96 10:40:30  
From: "Dale Heatherington" <wa4dsy@wa4dsy.radio.org>  
To: "aprssiG@tapr.org" <aprssiG@tapr.org>  
Subject: Re: APRS/Java ..  
Message-ID: <m0vQxiR-0001GAC@wa4mei.radio.org>

On Thu, 21 Nov 1996 22:14:07 -0600 (CST), Aaron Morrison wrote:

>> Date: Wed, 20 Nov 1996 19:46:12 -0600 (CST)  
>> Reply-to: aprssiG@tapr.org  
>> From: joefoor@digitalexp.com (Foor, Joe)  
>> To: aprssiG@tapr.org



>> Subject: [APRSSIG:6635] Re: APRS/Java ..  
>  
>> I seem to recall seeing a version of Netscape 3, for X-windows. Will  
>> it run Java on a Linux system?

Yes, there is a Java enabled Netscape Navigator for Linux.  
You can get it from the Netscape download site where all  
17 other versions are. (I don't have the url handy). The beta  
I downloaded worked but had a few bugs. I no longer have  
a working Linux installed so I don't know if it has been improved.

-----  
Dale Heatherington, WA4DSY  
e-mail - wa4dsy@wa4dsy.radio.org  
e-mail - daheath@ibm.net (in case the first one doesn't work)  
Web page - <http://www.wa4dsy.radio.org>  
This message brought to you by OS/2 Warp v4

-----  
Date: Fri, 22 Nov 1996 10:23:07 -0600 (CST)  
From: Gerald J Creager <gerry@cs.tamu.edu>  
To: aprssig@tapr.org  
Subject: Re: Jupiter Rockwell GPS board  
Message-ID: <199611221623.KAA13467@solar.cs.tamu.edu>

Dr Samuel Guccione sez:

>  
> Anyone heard of the Jupiter GPS board by Rockwell using a Zodiac chip set?  
> Same as the GPS-20?  
>  
> I need this for a Super Loki Rocket Launch.

A number of the GPS makers use similar in-house names for their chipsets.  
They're \*not\* the same.

Caveat emptor.

73 and good luck finding it, Gerry

n5jxs@tamu.edu

-----

Date: Thu, 21 Nov 1996 10:56:58 -0600  
From: Jim Flanders <jimflanders@ti.com>  
To: aprssig@tapr.org  
Subject: re: APRS 7.5c USA.map  
Message-ID: <BMSMTP8485951936a0198560@dshs1.itg.ti.com>

Rich

Glad to see you are now linked up with APRS. I intend to get the PARK radio club active & using it for weather watchers and ILAFS (Interference Locator And Fingerprinting System). I am about to receive my DF jr. Would like to have a central communications facility for all DFW APRS enthusiasts to communicate.  
Regards

Jim Flanders

W0oog/5 in Plano (147.180 and 14.243 @ 1100 CST)

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Original text

From: Rich Casey <casey@acm.org>, on 11/21/96 10:00 AM:  
To: aprssig@tapr.org

Hi from Dallas:

Just in the 3 weeks that I've been on APRS (and monitoring this sig), I've seen activity in Texas picking up. We regularly see down to Houston and San Antonio via VHF with a couple well placed WIDEs.

Here's an easy question I'm sure, but one that I have searched for in the docs to no avail. On my USA.mp, there is a line that runs up CA, OR and WA, across Idaho down the midwest to just east of Dallas, etc. on across the country. I know it is for something but I sure can't figure out what. Two part question-- what is it for, and how can I toggle it off?

Enjoying the sig and learning a lot...

73, Rich/n5csu

--

Rich Casey, Dallas TX

| Member: ACM, ARRL, AMSAT

casey@acm.org | Ham Radio N5CSU  
http://www.startext.net/homes/rcasey | Think globally, connect locally

-----  
Date: Thu, 21 Nov 1996 10:58:59 -0600  
From: Jim Flanders <jimflanders@ti.com>  
To: aprssig@tapr.org  
Subject: Re: DF Jr  
Message-ID: <BMSMTP8485954948a0198560@adshs1.itg.ti.com>

I ordered mine on September 3rd, but have'nt got it yet.  
Jim W0oog/5 in Plano, TX

-----  
Original text

From: ddobbins@juno.com (David S Dobbins), on 11/21/96 10:01 AM:  
To: aprssig@tapr.org

Someone else has replied with the web site for DFjr. I'll just add that  
I'm quite happy with mine.

David S. Dobbins/WH6YC  
Greater Northwest APRS Coordinator  
(Montana, Idaho, Oregon, Washington)  
(360) 291-3707  
ddobbins@juno.com

-----  
Date: Fri, 22 Nov 1996 09:34:18 -0800  
From: rdkliman@ssd.rockwell.com  
To: aprssig@tapr.org, Gerald J Creager <gerry@cs.tamu.edu>  
Subject: Re: Jupiter Rockwell GPS board  
Message-ID: <0004A113.1912@ssd.rockwell.com>

In this case the secret is out - it is a Rockwell Jupiter board with the Zodiac  
Chip set. Also, the fellow on the APRSSIG doing the reverse engineering is  
doing a great job!! I am in a different division of the company and do not  
have  
those other secrets that are being found.  
>Dr Samuel Guccione sez:  
> Anyone heard of the Jupiter GPS board by Rockwell using a Zodiac chip set?  
cut  
>A number of the GPS makers use similar in-house names for their chipsets.  
>They're \*not\* the same.  
cut  
>Gerry  
>n5jxs@tamu.edu

-----  
Date: Fri, 22 Nov 1996 13:35:05 -0500 (EST)  
From: "Eric A. Cottrell" <eac@shore.net>  
To: aprssig@tapr.org  
Subject: Message for rdkliman  
Message-ID: <199611221835.NAA18960@northshore.shore.net>

Hello,

I am having trouble replying to you address.

Fax number is (617) 926-0528 and mark it ATTN: Eric Cottrell Engineering.  
Thanks for the offer.

73 Eric eac@shore.net

-----  
Date: Fri, 22 Nov 1996 11:28:25 -0800  
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>  
To: rbeckett@Schwab.COM  
Cc: aprssig@tapr.org  
Subject: bajamaps.zip  
Message-ID: <199611221928.LAA12484@poseidon.coastside.net>

Hi Rich/WB6EEE

Can send you bajamaps.zip as attachment if you wish, 242,275 bytes. Or wait till Ken/W7KKE returns from Egypt next week and reloads calmaps06.zip and other pertinent CA maps to Tapr site.

Also you can get latest PtReyes.zip and other maps from our local LL BBS (KA6EYH @ 359-6985). Password is Coast. Dos format Hit D, then CD\APRS for that directory or APRS/CALMAPS for another maps directory associated with CA.

Latest TIGER maps from Steve (javAPRS) of Bay area outstanding map on the web site. Am up both VHF/HF for Bay area as HF gate station, give a call or ere on net, if you need any other help.

Would like to see you and your S/V (GPS) tracking on the bay, we lost one other S/V tracker (Rick/KN6KB-5) now in P-Velarta on to Zehuatenajo, stop for Xmas, then on to Panama and Melbourne, Fl. Appears on USA/World maps as he progresses.

73's & Enjoy, if i can help any other way advise..  
WB6LPG@KE6WVQ, bbliss@juno.com, wbliss@coastside.net

NNNN

WBB/WB6LPG

-----  
Date: Fri, 22 Nov 1996 12:25:38 -0800  
From: rdkliman@ssd.rockwell.com  
To: aprssig@tapr.org  
Subject: Re: Jupiter Rockwell GPS board  
Message-ID: <0004A45A.1912@ssd.rockwell.com>

Further Clarification: "It" is the GPS that comes with the Delorme package

In this case the secret is out - it is a Rockwell Jupiter board with the Zodiac

Chip set. Also, the fellow on the APRSSIG doing the reverse engineering is doing a great job!! I am in a different division of the company and do not have

those other secrets that are being found.

>Dr Samuel Guccione sez:

> Anyone heard of the Jupiter GPS board by Rockwell using a Zodiac chip set?  
cut

>A number of the GPS makers use similar in-house names for their chipsets.

>They're \*not\* the same.  
cut  
>Gerry  
>n5jxs@tamu.edu

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Date: Fri, 22 Nov 1996 16:05:52 -0500 (EST)  
From: jkozak@erols.com (John W. Kozak)  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmate GPS  
Message-ID: <199611222105.QAA15804@smtp1.erols.com>

>if you're interested in a dedicated gps receiver for aprs tracking, might i  
>suggest the GPS-20 from TAPR. it's a gps card without display. i used it  
>with my kpc-3 and radio shack ht for a standalone tracker with never a  
>problem. all it needs is a 5vdc power source and an antenna and it starts  
>spitting out gps data.  
<snip>  
> i think i paid about \$165.00.  
>anyways, hope this info helps you out.  
>73's Mike AC6JA

Thanks Mike.

I'm interested in the dedicated GPS for both APRS and moving map applications. The Tripmate supposedly has a 12 channel receiver and is sealed in a weather resistant rubber case. The following are several things I have learned about the Delorme package..

Street Atlas 4.0 does work with the NMEA output from the Garmin GPS's and will run under WINDOWS 3.1.

The Tripmate GPS requires an initial INIT string to turn it on and tell it where it is. It will then output data continuously. This INIT string can be sent to it using a basic comm program, so APRS should be able to handle this task easily. How about the MIM module?

Delorme wants \$149.00 + \$5.00 Shipping.  
My local computer store wants \$179.00 + 5% tax  
I want one this weekend for a 1500 mile trip on Monday.

Oh well, I guess it won't happen this weekend :)

John Kozak; N3AGG  
jkozak@erols.com

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Date: Fri, 22 Nov 1996 16:08:41 -0600  
From: Bryan Fair <brfair@flash.net>  
To: aprssig@tapr.org  
Subject: Re: REQ:Info. On Low Priced GPS try Garmin 38  
Message-ID: <199611222208.QAA18522@endeavor>

Hey All,  
The GPS I have been using is the Garmin GPS 38

UNIT COST: LAST AT WALMART \$200  
LAST AT WEST MARINE IN DALLAS \$149.99 ADVERTISED  
It has:  
DATA in/out  
Built in ANT.  
4 AA Battery supply  
Accepts 5~8 VDC in through data port  
Outputs 4800 BPS data  
INPUTS 4800 BPS data

I use this in combination with a KPC-3 and a KNWD TM-241A and a ICOM HT  
works very well and uestions email me

The GARMIN GPS 40 is SAME but with EXTERNAL ANT JACK

At 12:23 PM 11/21/96 -0600, you wrote:

>I'm looking for a low price (Around \$150 to \$250) that has a data port so I  
>can hook it to my KPC-3 to do APRS. I've looked at a few around \$140 to  
\$200

>and they lack the data port. Any one have some Ideas??

>

>  
>                                tnx,  
>                                Jamie - KE4HTM

>

>

>Visit The Western NC APRS & Ham Radio Home Page

><http://www.bluenet.net/ke4htm>

>-----

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>

>

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Date: Fri, 22 Nov 1996 16:34:51 -0600

From: "Greg Jones, WD5IVD" <[wd5ivd@tapr.org](mailto:wd5ivd@tapr.org)>

To: "APRS SIG list mailing" <[aprssig@tapr.org](mailto:aprssig@tapr.org)>

Cc: "Steve Dimse" <[sdimse@bridge.net](mailto:sdimse@bridge.net)>

Subject: December QST

Message-ID: <[v0300780aaebbd9fe07b2a@128.83.113.69](mailto:v0300780aaebbd9fe07b2a@128.83.113.69)>

Check out page 73 in December QST. The picture that Jon Bloom took of Steve Dimse in his APRS-van made it in the issue along with a writeup on the ARRL and TAPR DCC.

Nice picture there Steve!

Should be a shorter drive to the conference in the MD area next fall.

Cheers - Greg

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Greg Jones, WD5IVD

Austin, Texas

[wd5ivd@tapr.org](mailto:wd5ivd@tapr.org)

<http://www.tapr.org/~wd5ivd>

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Date: Fri, 22 Nov 1996 17:38:20 -0500

From: [msproul@arn.net](mailto:msproul@arn.net) (ML Sproul)

To: [aprssig@tapr.org](mailto:aprssig@tapr.org)

Subject: Delorme Tripmate Works with WINAPRS!



Message-ID: <v01540b02aebbdb1179c5a[204.254.144.121]>

(This message is from Keith Sproul, WU2Z)

Jimmie, KB5WIO, was at my fathers house today (I am in Texas) and brought his new Delorme Tripmate with him.

We hooked this up to WinAPRS and it worked GREAT!!!

We will be adding a few features to WinAPRS to make it send the appropriate initialization strings out to make it easier for the user.

I was quite impressed with this unit, and plan on ordering one for myself shortly.

Keith Sproul, WU2Z (In Texas on Vacation)

M. L. "Maury" Sproul	Work 806-477-7254
W5UGQ	Home 806-354-0306
3319 Arlington Dr.	msproul@arn.net
Amarillo, TX 79106	
MacAPRS Beta test	

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Date: Fri, 22 Nov 1996 20:45:48 EST  
From: hfigueroa@juno.com (Hector M Figueroa)  
To: aprssig@tapr.org  
Subject: Re: Killer mail revisited  
Message-ID: <19961122.174308.3934.0.Hfigueroa@juno.com>

Just a temporary fix for those losing mail, set your mail reader to leave mail on your server, some will even let you keep for only a few days.

Hector M. Figueroa E-Mail Hfigueroa@juno.com  
World Wide Web Page <http://www.geocities.com/CapeCanaveral/1629>  
Amateur Radio Call KE6VRL  
Packet KE6VRLaK6VE.#SOCA.CA.USA.NOAM

On Tue, 19 Nov 1996 23:29:41 -0600 (CST) George Salinas  
<saltair@hargray.com> writes:  
>Thom Proehl wrote:  
>What the heck is going here? I just had the same thing happen with  
>my IE tonight (20 Nov 96). Lost about 100 messages. Netscape seems to  
>not be affected. It just happened that this evening I was using IE 301  
>when it zapped me.  
  
>Sure hope somebody can get to the bottom of this.  
>73 George KD4FJ.

-----  
Date: Fri, 22 Nov 1996 21:07:55 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: jkozak@erols.com  
Subject: Re: Delorme Tripmate GPS  
Message-ID: <848714875-0-eac@shore.net>

Hello,

If you have a Microcenter around they have it for \$150.

The receiver will work if you just send the \$IIGPQ part, but setting the  
initial Lat/Lon and time makes it faster.

73 Eric eac@shore.net WB1HBU

-----  
Date: Fri, 22 Nov 1996 22:15:40  
From: Arte Booten <N2ZRC@gnn.com>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125 vs \$179  
Message-ID: <199611230316.WAA24245@mail-e2b.gnn.com>

Hi All,

On Wed, 20 Nov 1996 Jim Conrad noted that DeLorme is:

>... being selective on who gets the offer because I've also

>purchased a number of their products ... and have not received any offers.

Me neither, and I've been buying their products for over a decade. If you're into GREAT printed maps, take a look at some of the large ones they've produced over the years.

Nonetheless, I feel slighted! 73

Arte Booten <N2ZRC@gnn.com>  
(Packet Radio: N2ZRCaKB2VLX.#BRONX.NY.USA.NA)  
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

-----

Date: Fri, 22 Nov 1996 23:06:50 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: bruninga@nadn.navy.mil  
Subject: Re: Delorme Tripmate additional information.  
Message-ID: <848722010-0-eac@shore.net>

Hello,

The \$IIGPQ,ASTRAL<cr/lf> string only needs to be sent when the GPS receiver is outputting the ASTRAL string on powerup.

You may have to power the GPS up first then reset the TNC as it takes about 4 or 5 seconds for the GPS receiver to come up.

73 Eric eac@shore.net

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End of APRSSIG Digest 779

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From aprssig@tapr.org Sat Nov 23 20:15:10 1996

Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1636 ; Sat, 23 Nov 96 19:56:23 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA14691; Sat, 23 Nov 1996 22:41:26 -0600  
(CST)  
Date: Sat, 23 Nov 1996 22:41:26 -0600 (CST)  
Message-Id: <199611240441.WAA14691@tapr.org>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6729] APRSSIG digest 780  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Status: R

#### APRSSIG Digest 780

Topics covered in this issue include:

- 1) Re: Delorme Tripmaker GPS \$125 vs \$179  
by "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>
- 2) BUDLIST on KE4JJU-3 & WA4SSP-14  
by w4wwwq@juno.com (Peter J Lascell)
- 3) Re: Jupiter Rockwell GPS board  
by "Eric A. Cottrell" <eac@shore.net>
- 4) Re: Delorme Tripmate additional information.  
by Paul Stump <n0lrf@computer-services.com>
- 5) Re: Delorme Tripmaker GPS \$125.  
by Don Pendry <dpendry@mail.telis.org>
- 6) Are mobile APRS IS always "-9"  
by Richard Parry <rparry@qualcomm.com>
- 7) Re: Delorme Tripmaker GPS \$125 vs \$179  
by Jim Conrad <jjc@infi.net>
- 8) Re: Are mobile APRS IS always "-9"  
by rbost@itexas.net (Roy Bost)
- 9) Re: Are mobile APRS IS always "-9"  
by Jim Duncan <ku0g@sprynet.com>
- 10) Re: Are mobile APRS IS always "-9"  
by Don Pfister KA0JLF <donp@jerryc.tyrell.net>
- 11) Re: Are mobile APRS IS always "-9"

by Paul Stump <n01rf@computer-services.com>  
12) For K9ORP  
by Jim Duncan <ku0g@sprynet.com>  
13) Re: Delorme Tripmate Works with WINAPRS!  
by Arte Booten <N2ZRC@gnn.com>  
14) Re: For K9ORP  
by vanco@juno.com (Larry J Vandewater)  
15) Re: Delorme Tripmate Works with WINAPRS!  
by "Eric A. Cottrell" <eac@shore.net>

-----  
Date: Sat, 23 Nov 1996 09:49:42 +0000  
From: "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125 vs \$179  
Message-ID: <199611231349.IAA13240@hemisphere.neocomm.net>

> On Wed, 20 Nov 1996 Jim Conrad noted that DeLorme is:  
>  
> >... being selective on who gets the offer because I've also  
> >purchased a number of their products ... and have not received  
> >ed any offers.  
>  
> Me neither, and I've been buying their products for over  
> a decade. If you're into GREAT printed maps, take a look at  
> some of the large ones they've produced over the years.

I ordered Tripmaker yesterday. I had not registered my ver  
2.0 of Streets USA and had not recieved a mail offer. They requested  
the serial number (in the clear protion) from my CD and sold me the  
Tripmaker package for \$125 + \$5. shipping.  
Hmm...I may order another copy of the CD for the office, or home  
or my freind that needs one too.

cdavidso@neocomm.net  
<http://www.neocomm.net/~cdavidso/>  
WB4PAN@WB4Q0J.VA.USA.NOAM  
wb4pan@juno.com  
APRS ALDHA ATC  
Georgia>97>Main Chase

-----  
Date: Sat, 23 Nov 1996 11:30:41 EST  
From: w4wwwq@juno.com (Peter J Lascell)  
To: aprssig@tapr.org  
Subject: BUDLIST on KE4JJU-3 & WA4SSP-14  
Message-ID: <19961123.112816.4543.0.W4WWWQ@juno.com>

I have mentioned this problem before here on the SIG but get no responses. I can't imagine I am the only station having the problem.

To band aid it I have used the LCALL and BUDLIST commands in the TNC to ignore KE4JJU-3 and WA4SSP-14.

The problem KE4JJU-3 causes on my display is that it will stop processing APRS and a wide horizontal RED band appears with ERROR 6. Yes, pressing the ENTER button will get it going again but everything is lost from the time the lockup happened. KE4JJU-3 is a WX station and I think the WX data is the thing that crashes me.

After rejecting all packets from KE4JJU-3, then the following started showing up.

WA4SSP-14 is sending zillions of position reports that contain nothing but time and commas. They come so fast, it pushes the map off the top of the screen displays the packet message down the left side of the display.

I don't know either of these station/operators and I feel sure they are not doing anything to intentionally cause me problems. It is very possible besides the logic ONE and ZERO there are some MAYBES out there. But am I the only one seeing these problems?

Have I reached the limit on processing time that my old computer can't keep up?

I run APRS 7.7C on a 286-12 MHz clone with math co-processor, and MFJ 1270 TNC.

With the BUDLIST feature active for these two calls the two problems are not re-occurring in a 48 hour period. Before it was guaranteed to happen over night, if it didn't happen in front of my nose while watching the screen.

Any ideas guys?

Peter Lascell  
Forest, VA  
w4wwwq@juno.com

-----  
Date: Sat, 23 Nov 1996 12:07:08 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: rdkliman@ssd.rockwell.com  
Subject: Re: Jupiter Rockwell GPS board  
Message-ID: <848768828-0-eac@shore.net>

Hello,

I got some information on the Jupiter board. I looked inside the unit and it looks like a custom board that uses some of the same components as the Jupiter board.

I have not had a chance to check it out but it appears that the unit will NOT work off of 12 or 13.6 volts. The Maxium chip used has a limit of 11 volts and the cap on the DC input appears to have a 10 volt rating. So to be safe feed it with 6 volts.

73 Eric eac@shore.net WB1HBU

-----  
Date: Sat, 23 Nov 1996 11:33:18 -0600  
From: Paul Stump <n0lrf@computer-services.com>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmate additional information.  
Message-ID: <1.5.4.16.19961123113114.1c1740d6@computer-services.com>

>Not a problem with the KPC-3, I think, as it can send a GPSINIT string.

>

>Can anyone else confirm that? I'd have to dig up my supplemental manual.

Confirmed. KPC-3 will send init strings...  
73, Paul, n0lrfa@computer-services.com

Date: Sat, 23 Nov 1996 11:25:55 -0800 (PST)  
From: Don Pendry <dpendry@mail.telis.org>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125.  
Message-ID: <2.2.16.19961123121929.12af25a8@mail.telis.org>

At 15:28 20/11/96 -0600, you wrote:

>At 10:18 PM 11/18/96 -0600, Dayglo wrote:

```
>>>Does anyone have more info on this? At $125 Tripmaker/GPS sounds too
>>>good to be true.
```

>>

```
>>I saw this at my local CompUSA for $179 not $125. The package stated that
>>the software would only run with the included GPS receiver. Either they
are
```

```
>>mistaken or have created a proprietary GPS receiver.
```

 $\geq$ 

```
>Computer City also is charging $179 for Tripmaker.
```

 $\vee$ [illegible]

><:> Jim Conrad - Ocean View Communications - jjc@infi.net <:>

><:> 757-490-8127 Office - 757-587-8251 Fax - 757-473-6740 Pager <:>

[illegible]

✓

>HI JIM: JUST WONDERED IF YOU HAVE HAD ANY RESPONSE ON AQUISITION OF  
"TRIPMAKER"

FOR \$125.00 - WOULD LIKE TO ORDER ONE IF AVAILABLE..THANKS

DON PENDRY, N6AER, dpendry@mail.telis.org

 $\nabla$ 

Amateur Radio Station N6AER

Don Pendry

P0 Box 452

Joshua Tree, California 92252

dpendry@telis.org



-----  
Date: Sat, 23 Nov 1996 12:52:49 -0800  
From: Richard Parry <rparry@qualcomm.com>  
To: aprssig@tapr.org  
Subject: Are mobile APRS IS always "-9"  
Message-ID: <v03007801aebd12bf68fb@[129.46.159.136]>

In a few weeks in will be installing an APRS system in my car to beacon my location. I looked at some local mobile APRS stations and noticed that their ID always had a dash 9, for example, W5ABC-9. Is the -9 common practice? I know you can use almost any number, but is the "-9" a standard?

I have a home station that I ID as                               -> W9IF  
and depending on above reponse, my mobile will be -> W9IF-9

Does that make sense?

TIA

-----  
Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B  
Globalstar/Gateway Reverse Link  
Internal Web -> <<http://qcwww/~rparry>>  
External Web -> <<http://www.qualcomm.com/~rparry>>  
-----

-----  
Date: Sat, 23 Nov 1996 15:58:50 -0500 (EST)  
From: Jim Conrad <jjc@infi.net>  
To: aprssig@tapr.org, aprssig@tapr.org  
Subject: Re: Delorme Tripmaker GPS \$125 vs \$179  
Message-ID: <2.2.16.19961123155815.3d4f4708@mailhost.infi.net>

At 09:22 PM 11/22/96 -0600, Arte Booten wrote:  
>Hi All,  
>  
>On Wed, 20 Nov 1996 Jim Conrad noted that DeLorme is:  
>



Message-ID: <199611232250.0AA14058am1.sprynet.com>

At 14:57 11/23/96 -0600, you wrote:

>In a few weeks in will be installing an APRS system in my car to beacon my  
>location. I looked at some local mobile APRS stations and noticed that  
>their ID always had a dash 9, for example, W5ABC-9. Is the -9 common  
>practice? I know you can use almost any number, but is the "-9" a  
standard?

>

>I have a home station that I ID as                               -> W9IF  
>and depending on above reponse, my mobile will be -> W9IF-9

>

>Does that make sense?

>

>TIA

>

Yes, it makes perfect sense. The early mobile packet operators used the -9  
SSID and I think that has probably held true in the carry-over to APRS.

Also, the -9 SSID when used as the SSID of a stand-alone tracker will  
default to the AUTOMOBILE ICON. If you read the SYMBOLS.TXT file you will  
find a complete listing of the various SSID standards....

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

-----

Date: Sat, 23 Nov 1996 17:01:26 -0600 (CST)  
From: Don Pfister KA0JLF <donp@jerrytyrell.net>  
To: aprssig@tapr.org  
Subject: Re: Are mobile APRS IS always "-9"  
Message-ID: <Pine.LNX.3.91.961123165928.8330H-100000@jerrytyrell.net>

I have an MFJ-1274 TNC. I got a ROM upgrade from MFJ to use it as a  
mobile tracker. Does any one know if there is mor to the ROM upgrade than  
plugging it in? I don't find the instructions.  
I have to get off here soon (root just told me the system is going down).

Thanks for the help. I have ROM V2.2 dated 1995. Irt

-----

Date: Sat, 23 Nov 1996 17:32:28 -0600  
From: Paul Stump <n01rf@computer-services.com>  
To: aprssig@tapr.org  
Subject: Re: Are mobile APRS IS always "-9"  
Message-ID: <1.5.4.16.19961123173030.094f4f9e@computer-services.com>

>Is the -9 common practice? I know you can use almost any number,  
but is the "-9" a standard?

-9 shows as a car on APRS, and is therefore standard for a car.  
See "symbols.txt" in the APRS readme.txt files for other swell  
things you can be...  
73, Paul, n01rf@computer-services.com

-----

Date: Sat, 23 Nov 1996 16:08:03 -0800  
From: Jim Duncan <ku0g@sprynet.com>  
To: aprssig@tapr.org  
Subject: For K9ORP  
Message-ID: <199611240008.QAA28224am1.sprynet.com>

Larry, I can't find your address just now...I've uploaded MOMAPS20.ZIP and  
..TXT to APRS Uploads. I think I screwed up and did it twice because I see  
one with the filename in ALL CAPS. Would you delete THAT file and use the  
latest upload time, please?

Thanks!  
73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

-----

Date: Sat, 23 Nov 1996 21:03:20  
From: Arte Booten <N2ZRC@gnn.com>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmate Works with WINAPRS!  
Message-ID: <199611240203.VAA20823@mail-e2b.gnn.com>

Hi All,

On Fri, 22 Nov 1996 Keith Sproul, WU2Z informed us that:

>Jimmie brought his new Delorme Tripmate with him ... We hooked  
>this up to WinAPRS and it worked GREAT!!!  
>  
>We will be adding a few features to WinAPRS to make it send  
>the appropriate initialization strings out ...

Watch out, Keith. We all know how touchy DeLorme is about  
their intellectual property. Let's hope they don't get wind of  
this. Better call this feature by some "camouflage" name "in  
order to protect the innocent" ;-{) 73

Arte Booten <N2ZRC@gnn.com>  
(Packet Radio: N2ZRCaKB2VLX.#BRONX.NY.USA.NA)  
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

-----

Date: Sat, 23 Nov 1996 20:56:28 CST  
From: vanco@juno.com (Larry J Vandewater)  
To: aprssig@tapr.org  
Subject: Re: For K9ORP  
Message-ID: <19961123.205630.6766.0.vanco@juno.com>

JIM,  
THIS SHOULD GIVE YOU MY E-MAIL ADDRESS  
USP MAILING ADDRESS IS  
LARRY VANDEWATER  
2112 STUART ROAD

GREENFIELD, IA  
50849-8204

JUST GOT A LAPTOP AND PLAYING WITH IT  
USED ONE...486 33 MEG COLOR 120 MEG DRIVE  
4 MEG MEM  
MORE LATER...I HAVE SENT YOU SOME \$\$ FOR THE  
NEWS LETTER...GOOD LUCK  
LARRY

-----

Date: Sat, 23 Nov 1996 22:58:31 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: N2ZRC@gnn.com  
Subject: Re: Delorme Tripmate Works with WINAPRS!  
Message-ID: <848807911-0-eac@shore.net>

Hello,

The two commands that should be added are a GPS init string and a GPS init delay.

The delay is needed to make sure the receiver is up and running before the init

is sent. It should be possible to enter a cr/lf combination to handle NMEA strings.

I think at least one person at Delorme knows as I was posting my information to sci.geo.satellite-nav. I did send him a message with comments as to what I liked and disliked about the tripmate. I also briefly explained some of the radio amateur uses such as timekeeping, where hams involved in Public Service and Emergencies are located and that the Tripmate looked like a good unit to use.

If anyone raises the ire of Delorme then it will be me. I figured if I did not do it then someone else would. I rather figure it out for my own use instead of waiting.

There are restrictions in the Street Atlas 4.0 manual that cover the

software.

Delorme has some interesting restrictions on their software. No such restrictions exist for the tripmate GPS receiver. None were in the Tripmate manual. I also do not consider the tripmate GPS receiver to be software. It is a device, like a computer.

I suppose that looking at the communications with an analyzer could be considered reverse engineering. This has been done with the Garmin 45 and details are freely discussed and posted on the newsgroup and web sites. However I believe IBM tried to sue companies who duplicated LU communication units by looking at the protocol and IBM was not successful. If they were I bet Microsoft could not put Netware protocols into Windows 95.

All the non-Garmin programs talking garmin protocol would also be in trouble.

In fact I wonder if Delorme got permission to use Garmin protocols in their products?

I suppose if Delorme really wanted to keep it secret they could have implemented their own protocol instead of using other companies (NMEA and Rockwell). I may be wrong, but I consider protocols fair game.

73 Eric eac@shore.net WB1HBU

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End of APRSSIG Digest 780

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From aprssig@tapr.org Tue Nov 26 13:05:00 1996

Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1637 ; Tue, 26 Nov 96 12:36:48 UTC

Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA17687; Mon, 25 Nov 1996 22:50:48 -0600  
(CST)

Date: Mon, 25 Nov 1996 22:50:48 -0600 (CST)

Message-Id: <199611260450.WAA17687@tapr.org>

Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6758] APRSSIG digest 782  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Status: R

### APRSSIG Digest 782

Topics covered in this issue include:

- 1) Registration  
by Ron Drumheller <k3nxf@silcom.com>
- 2) Garmin 210 auto turn-off?  
by rogerwn7m@juno.com (Roger J Attwell)
- 3) Re: pk-232 mbx problems  
by John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
- 4) Re: BUDLIST on KE4JJU-3 & WA4SSP-14  
by Steve Hall <steve.hall@lerc.nasa.gov>
- 5) Re: WinAPRS 1.1.7 lockup  
by morganb@inetport.com (Robert B. Morgan)
- 6) NTS traffic via APRS  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 7) Re: AEA out of business  
by "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>
- 8) PARS Documentation  
by rbeckett@Schwab.COM
- 9) Software  
by "Paul Beckmann" <paul@eye.psych.umn.edu>
- 10) re: emergency comms  
by Alan Crosswell <alan@watsun.cc.columbia.edu>
- 11) Re: PARS Documentation  
by Mark Sproul <sproul@ap.org>
- 12) Re: NTS traffic via APRS  
by Doug Wittich <dwittich@concentric.net>
- 13) Re: NTS traffic via APRS  
by Doug Wittich <dwittich@concentric.net>
- 14) Response to BUDLIST  
by w4wwwq@juno.com (Peter J Lascell)



-----  
Date: Sun, 24 Nov 1996 20:46:50 -0800  
From: Ron Drumheller <k3nxf@silcom.com>  
To: aprssig@tapr.org  
Subject: Registration  
Message-ID: <199611250446.UAA04297@beach.silcom.com>

Hi Bob,

I saw APRS about a year ago at the Pacificon Convention near Sacramento, Ca. I obtained a diskette but did not do anything with it at that time. I was really impressed with the idea. We can really use something like this for our ARES operation here. We also do many public service events in the area.

Last weekend I attended a Search & Rescue Symposium at Vandenburg AirForce Base. There was a presentation on APRS there and that did it for me. I came home and found the diskette and unzipped the programs. My two friends and I also purchased a Garmin 45XL GPS. I don't even know how to use it but it should arrive at my house by this Wednesday so I can spend Thanksgiving getting to know it.

I am really having quite a time trying to figure out your program. I wish with all the documentation that there would be a "Getting Started" document. You know, first do this, then do that, etc. I am getting the feel of it but it will take some practice to get everything right. My other two friends are depending on me to teach them. There are also about five others that are watching to see what we do with this new Amateur Radio concept.

I have found out the hard way that the program will not save any of my information. I found a statement that the program will only save when it is registered. I also have an old copy which is 7.3d. I will download the most current version tomorrow from TAPR. I do not have my LAT/LONG yet until my GPS arrives and I learn how to use it.

Would you trust me with the unlock code for the shareware registration and the registration of the GPS. I WILL send you a check for \$33.00 by the end of the week when I get my LAT/LONG and the version of APRS. If not, I will just have to wait for a couple of weeks until my check gets to you and you mail the codes back to me. My other two friends WILL register their copy of your software as soon as I show them how to use it.

Whatever you decide, I understand, but it would sure help if I could get started without having to wait a couple of weeks.

Sincerely,  
73,

Ronald Drumheller, K3N XF  
471 Calor Drive  
Buellton, CA 93427

Assistant Emergency Coordinator  
Santa Barbara County A.R.E.S.

P.S. Email is k3nxf@silcom.com

Checkout my home page at [www.silcom.com/~k3nxf](http://www.silcom.com/~k3nxf)

-----

Date: Sun, 24 Nov 1996 23:25:45 PST  
From: rogerwn7majuno.com (Roger J Attwell)  
To: aprssig@tapr.org  
Subject: Garmin 210 auto turn-off?  
Message-ID: <19961124.232553.7622.5.Rogerwn7majuno.com>

Does someone know why a Garmin 210 chart GPS turns itself off at random times. I suspect it is a combination of weak signals and bad ignition noise making operation undependable, but you'd think it would just give a warning message, not turn off. More than one unit has done this. A higher antenna mounting didn't fix it.

-----

Date: Mon, 25 Nov 1996 06:37:43 -0500 (EST)  
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>  
To: aprssig@tapr.org  
Subject: Re: pk-232 mbx problems  
Message-ID: <Pine.3.89.9611250618.A16975-0100000@bcfreenet>

One of the problems, APRS-wise, with the PK23 is that it can send too much information to the computer which will prevent APRS from doing its thing.

Set the MON to 2. This will limit the packet description, generated by the PK232, from interfering.

73

John W. Wilson, KN4HX  
z004391b@bcfreenet.seflin.lib.fl.us

On Sun, 24 Nov 1996, robert marley wrote:

> I HAVE AN AEA PK-232 MBX THAT WILL NOT RELAY MY MOBILE POSTITS. I AM  
> USING APRSDOS VER 7.6D I CHECKED TO SEE IF MY ALIAS IS RELAY AND IT IS.  
> ALSO THERE WAS SOME TALK AWHILE BACK ABOUT THE ERROR LIGHT STAYING ON  
> WHEN CONNECTED TO A COMPUTER, IS THIS NORMAL? OR HOW DO YOU CHANGE THIS?  
>  
> THANKS IN ADVANCE, de N3OBQ ROBERT MARLEY  
>

-----

Date: Mon, 25 Nov 1996 09:57:47 -0500  
From: Steve Hall <steve.hall@lerc.nasa.gov>  
To: aprssig@tqpr.org  
Subject: Re: BUDLIST on KE4JJU-3 & WA4SSP-14  
Message-ID: <3299B3EB.A4@lerc.nasa.gov>

KPC-3 TNCs that are set to becan at specific times i.e. every 5 mins at 10 seconds after the minute, will at certain times send continues POSITS for a solid minute. I don't know if Kantronics ever fixed this.

Steve - W8HF

>  
> I often have the same problem. My screen fills with lines  
> from Johns ssp-14 mobile. This only happens occasionally but when it  
> does data processing stops until I hit enter. Somehow his tnc must be  
> sending every sentence from his gps reciever, every second. I had  
> recieved email from John but return mail was undeliverable. I shure  
> enjoy his WX station and watching his mobile....well most of the time

> he he.  
>  
> charles  
>  
>  
> cdavidso@neocomm.net  
> http://www.neocomm.net/~cdavidso/  
> WB4PAN@WB4Q0J.VA.USA.NOAM  
> wb4pan@juno.com  
> APRS ALDHA ATC  
> Georgia>97>Main Chase

-----

Date: Mon, 25 Nov 1996 09:25:48 -0600 (CST)  
From: morganb@inetport.com (Robert B. Morgan)  
To: aprssig@tapr.org  
Subject: Re: WinAPRS 1.1.7 lockup  
Message-ID: <199611251525.JAA23585@admin.inetport.com>

Mark,

I had browsed my way through the symbol list of WinAPRS to see what was in there, following some discussion of available symbol types here on the SIG, and it locked up on me. At that point, the only thing in control was the reset pushbutton. That was under the 1.1.7 BETA that you had sent a few of us, and it consistently froze about symbol #22.

I finally went and retrieved the regular 1.1.7 release from TAPR and just now loaded it, and this time it froze again, but at about symbol #18 or so. I didn't take the time to see if it would repeat at that point.

I am running Win 3.1 and Win32S, with a 386 system with 8B of memory, and one TNC.

I got the registration OK last week, thanks.  
73 de Bob WB5A0H

Robert Morgan  
Austin Texas  
morganb@admin.inetport.com

-----  
Date: Mon, 25 Nov 1996 10:43:04 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: NTS traffic via APRS  
Message-ID: <Pine.GS0.3.95.961125103025.19742A-100000@arctic>

Seeing that many routine NTS messages are pretty compact and that many EOC's already have packet stations for NTS but are hesitant to replace that capability with APRS, I thought it might be handy to have a modest NTS capability in APRS. To explore this idea, I wrote the attached test program to show how it would look in APRS and how the operator would be prompted for the information in standard NTS format.

Just cut off this text and run this under QBasic...

```
CLS : SCREEN 9
PRINT " This program suggests how I might add an NTS delivery page to"
PRINT " APRS.  NTS messages are usually very brief and can probably be"
PRINT " handled in APRS with little problems with congestion during"
PRINT " routine operations.  For BULK handling of traffic or during heavy"
PRINT " use, this type of traffic should best be handled on alternate"
PRINT " frequencies using standard ax.25 packet."
LOCATE 9, 50: PRINT "de WB4APR"
LOCATE 15, 1: INPUT "Hit ENTER key to continue..."; a$

DO
  CLS
  LINE (0, 0)-(640, 54), 14, BF
  LOCATE 2, 25: PRINT " THE AMERICAN RADIO RELAY LEAGUE "
  LOCATE 3, 32: PRINT " R A D I O G R A M "

  LOCATE 5, 1: PRINT " Number Precedence Hndlng Origin Stn Check Place of";
  PRINT " Origin      Time      Date"
  LOCATE 6, 1: PRINT " 13      routine      WB4APR      13      ";
  PRINT " Annapolis Maryland      1435EST Nov 27";
  LOCATE 8, 2: PRINT "Addr:  Bob Bruninga, WB4APR"
  LOCATE 9, 9: PRINT "115 Old Farm Court"
  LOCATE 10, 9: PRINT "Glen Burnie, MD 21060"
  LOCATE 11, 9: PRINT "United States of America"
```

```

LOCATE 12, 2: PRINT "Phone:"
LOCATE 8, 40: PRINT "This message was received at"
LOCATE 9, 40: PRINT "Station: W3ADO   Phone: 1-410-293-4380"
LOCATE 10, 40: PRINT "Name:      Bob Bruninga"
LOCATE 11, 40: PRINT "Addr:      115 Old Farm Ct"
LOCATE 12, 40: PRINT "City:      Glen Burnie, MD 21060-xxxx"

```

```

LOCATE 14, 2: PRINT "BT _____"
LOCATE 15, 2: PRINT "      _____"
LOCATE 16, 2: PRINT "      _____"
LOCATE 17, 2: PRINT "      _____"
LOCATE 18, 2: PRINT "      _____"
LOCATE 20, 2: PRINT "Signature:"
LOCATE 21, 2: PRINT "Received:": LOCATE 21, 28: PRINT "|"
LOCATE 21, 45: PRINT "|Sent:": LOCATE 21, 65: PRINT "|"

```

```

LINE (0, 94)-(300, 172), 15, B
LINE (308, 94)-(639, 172), 15, B
LINE (0, 54)-(639, 84), 15, B
LINE (60, 54)-(60, 84), 15
LINE (148, 54)-(148, 84), 15
LINE (204, 54)-(204, 84), 15
LINE (292, 54)-(292, 84), 15
LINE (340, 54)-(340, 84), 15
LINE (516, 54)-(516, 84), 15
LINE (580, 54)-(580, 84), 15
GOSUB ReLine

```

REM GOTO Text

```

P$ = "Number": l = 6: c = 2: n = 6: GOSUB Box
P$ = "Precedence": c = 9: n = 10: GOSUB Box
P$ = "Handling Instructions": c = 20: n = 6: GOSUB Box
P$ = "Staion of Origin": c = 27: n = 10: GOSUB Box
P$ = "Word Check": c = 38: n = 5: GOSUB Box
P$ = "Place of Origin": c = 44: n = 21: GOSUB Box
P$ = "Time Filed": c = 66: n = 7: GOSUB Box
P$ = "Date Filed": c = 74: n = 6: GOSUB Box

```

```

P$ = "TO Address (line 1)": l = 8: c = 9: n = 28: GOSUB Box
P$ = "TO Address (line 2)": l = 9: c = 9: GOSUB Box
P$ = "TO Address (line 3)": l = 10: c = 9: GOSUB Box
P$ = "TO Address (line 4)": l = 11: c = 9: GOSUB Box

```

Text:

```
LOCATE 23, 1
PRINT " Enter TEXT in words up to a maximum of 25 (End with BT)"
LINE (0, 307)-(639, 322), 14, B
FOR i = 1 TO 25
    Ln = INT((i - .5) / 5)
    Wn = i - Ln * 5
    LOCATE 14 + Ln, 5 + 15 * (Wn - 1)
    PRINT "-----"
    LOCATE 14 + Ln, 5 + 15 * (Wn - 1)
    LINE INPUT a$
    IF UCASE$(a$) = "BT" THEN i = 25
NEXT
P$ = "Signature block:": l = 20: c = 13: n = 66: GOSUB Box: GOSUB ReLine
P$ = "Received From:": l = 21: c = 13: n = 14: GOSUB Box: GOSUB ReLine
P$ = "Received Date/Time:": c = 30: n = 13: GOSUB Box: GOSUB ReLine
P$ = "Sent To:": c = 52: GOSUB Box: GOSUB ReLine
P$ = "Sent at Date and Time": c = 67: n = 13: GOSUB Box: GOSUB ReLine

P$ = "Hit ctrl-break to quit": GOSUB Prompt
LOOP
```

Box: GOSUB Prompt: LOCATE l, c: PRINT LEFT\$(a\$ + SPACE\$(28), n): RETURN

Prompt:

```
LOCATE 23, 1
PRINT SPACE$(80);
LOCATE 23, 1
PRINT " "; P$;
LINE (0, 307)-(639, 322), 14, B
PRINT "? ";
LINE INPUT a$
a$ = UCASE$(a$)
LOCATE 23, 1: PRINT SPACE$(80);
LINE (0, 307)-(639, 322), 0, B
RETURN
```

ReLine:

```
LINE (0, 176)-(639, 266), 15, B
LINE (0, 266)-(639, 280), 15, B
LINE (0, 280)-(639, 294), 15, B
RETURN
```

END

-----

Date: Mon, 25 Nov 1996 08:56:00 -0800 (PST)  
From: "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>  
To: aprssig <aprssig@tapr.org>  
Subject: Re: AEA out of business  
Message-ID: <3299BFA4@gismtpgate.gi.com>

I actually got a phone call from Mike Lamb N7ML (AEA Pres.?) regarding a gripe I had with the DSP-232 I had just purchased. I also have spoken to their tech support line, and I just got a firmware upgrade in the mail. (Not the one they promised, though.)

I don't think they're exactly out of business...

Dave Borcher K7NG  
dborcher @nogmail.gi.com

-----  
From: aprssig  
To: aprssig  
Subject: [APRSSIG:6680] Re: AEA out of business  
Date: Thursday, November 21, 1996 6:58PM

I had heard rumore of this one or two months ago from a industry insider. My co-worker could also not get a PK-232 replaced 4 months ago (insurance replacement after zeus zapped it!) and was given a DSP-12 instead.

>A.E.A. Out of Business. According to numerous reports A.E.A. has  
>suspended business operations and its employees laid off.

>--

>Rick Szpyrka WB8TIF  
>Bloomfield Hills, MI USA  
>Email: wb8tif@acris.com or wb8tif@amsat.org  
>URL: <http://www.concentric.net/~wb8tif>

>

>



-----  
Date: Mon, 25 Nov 1996 08:28:22 +0000  
From: rbeckettaSchwab.COM  
To: aprssig@tapr.org  
Subject: PARS Documentation  
Message-ID: <9611251628.AA16390@sv0001dev.dev.schwab.com>

I have been following the Prs sig for several weeks now. I have downloaded wqprs117 and tried to understand how this new aspect of ham radio works. I can't seem to find a good set of documentation which presents a coherent explanation of aprs operation. For example, I see references to WIDE.WIDE.WIDE but I have no idea what it means and how should I set up my system. Currently I would like to be able to track aprs units in my area or even world wide if that is possible. My station is on a sailboat in the San Francisco bay and I figured out how to enter the appropriate information and symbol but it was not easy. I had to use a lot of intuition to get there.

73 - Rich WB6EEE

-----  
Date: Mon, 25 Nov 96 11:07:11 CST  
From: "Paul Beckmann" <paul@eye.psych.umn.edu>  
To: aprssig@tapr.org  
Subject: Software  
Message-ID: <9611251707.AA02105@eye.psych.umn.edu>

Hi.

I'm one of the purchasers in the second batch of GPS-20's from TAPR. I'm also part of the TAC-2 alpha group. I have a couple of questions that I thought members of this group may be able to help me with:

1. Is there a WWW site that describes the NEMA command set for GPS's like the GPS-20? I have the Garmin docs. Just wanted a larger look. By the way: Is the "\*hh" at the end of all sent and received sentences a hexadecimal checksum? It's never called out in the doc.

2. I've had a hell of a time trying to access my serial I/O under DOS 6.0 from Borland C++ and would like to put together a series of code snippets for the TAPR/TAC documentation that show how this can be done from a number of languages for both the PC and Mac. Do any of you have snippets of this type that you'd be willing to share for this purpose?

Best 73's--

and best wishes to all non-ham members of this group...

Paul Beckmann  
wa0rse@amsat.org

-----

Date: Mon, 25 Nov 96 12:36:26 EST  
From: Alan Crosswell <alan@watsun.cc.columbia.edu>  
To: aprssig@tapr.org  
Subject: re: emergency comms  
Message-ID: <CMM.0.90.4.848943386.alan@manila.cc.columbia.edu>

>...

>Authors are recommending a decentralization of emergency information  
>systems, with open access and horizontal communications. "Information  
>volunteers" would log in information, "possibly into a schematic  
>block-by-block display of a city". This would somehow be accessed by  
>dialing 711. (this part not too clear). Amateur radio was not mentioned,  
>but this has APRS written all over it.

>

>73, Sam KJ6BU  
>sams@jetlink.net

Professor Noam's callsign is KE2PN. He's given congressional testimony about spectrum auctions too. Every year, 20-30 of his MBA students in Management of Information, Communications and Media get their Technician licenses as part of a course he teaches (primarily at exams run by our VE team which we bring over to a lecture room in the B-school since they wouldn't fit in our little conference room). We've tried to get his students to stop by the W2AEE shack and operate but they are generally too busy with their coursework (as is the case in general with students here). But at least they are a little bit familiar with the Amateur Service and

might pick it up later...

Noam is the director of the Columbia Institute for Tele-Information, CITI.  
See <http://www.ctr/citi/index.html> if you're interested.

After I read the article maybe I'll approach him with an APRS demo.  
He strikes me as being much more on a theoretical plain though,  
not to mention way too busy....

73 de Alan N2YGK

-----  
Date: Mon, 25 Nov 1996 12:25:24 -0500  
From: Mark Sproul <[sproul@ap.org](mailto:sproul@ap.org)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Re: PARS Documentation  
Message-ID: <[v0300780aaebf86986a5a@165.1.27.20](mailto:v0300780aaebf86986a5a@165.1.27.20)>

>I have been following the Prs sig for several weeks now. I have  
>downloaded wqprs117 and tried to understand how this new aspect of  
>ham radio works. I can't seem to find a good set of documentation  
>which presents a coherent explanation of aprs operation. For  
>example, I see references to WIDE.WIDE.WIDE but I have no idea what  
>it means and how should I set up my system.  
>Currently I would like to be able to track aprs units in my area or  
>even world wide if that is possible. My station is on a sailboat in  
>the San Francisco bay and I figured out how to enter the appropriate  
>information and symbol but it was not easy. I had to use a lot of  
>intuition to get there.

>

>73 - Rich WB6EEE

Full documentation is at

<http://aprs.rutgers.edu/APRS/>

If anyone has problems getting it, drop me a note DIRECTLY (not to the sig)  
and I will email you the docs, specify if you want them in TEXT form or  
HTML, I recommend HTML, you then open the file in netscape and get all of

the graphics.

By having it locally you do not have to wait for the speed of the net to get the info.

Mark

```
-----
Mark Sproul                |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org              |Work: 609-860-7120
North Brunswick, NJ        |Fax: 609-860-7129
http://msproul.rutgers.edu/
-----
```

```
-----

Date: Mon, 25 Nov 1996 17:35:32 -0500
From: Doug Wittich <dwittich@concentric.net>
To: aprssig@tapr.org
Subject: Re: NTS traffic via APRS
Message-ID: <1.5.4.32.19961125223532.00677558@pop3.concentric.net>
```

```
> LOCATE 17, 2: PRINT "      _____"
> LOCATE 18, 2: PRINT "      _____"
> LOCATE 20, 2: PRINT "Signature:"
> LOCATE 21, 2: PRINT "Received:": LOCATE 21, 28: PRINT "| "
> LOCATE 21, 45: PRINT "|Sent:": LOCATE 21, 65: PRINT "| "
>
```

Bob, it looks great! I don't have QBASIC, so I can't see it, I had to read the code to see what was happening.

Some additions, if possible: There is a second BT after the message, immediately before the signature. This is NTS std.

Our practice in the EOC and ARES nets is to also include at in the SENT and RECEIVED blocks, the actual operator call sign doing the work, along with an

indication of net or freq. This is, of course, only for our end of the message. We have the callsign of the end sending it or taking it from us, but that callsign is quite often a club, RACES or ARES callsign. Example for this msg:

Received: N3VEJ 11/25 1703est Via SIG Sent: ...

Also, the only time both Sent and Received would be filled in would be on a copy that was relayed through the particular station. So a Sending station would get the mark in SENT, and the Receiving station gets the same timestamp in it's received field, but with a different operator ID.

Doug

ps. Wish you coulda played in the hunt. He was on top of a 833' hill at Prettyboy Elem, Balto Co map page 2, down near the bottom. Chuck was then at Hampstead Elem, also a very high spot.

-----

Date: Mon, 25 Nov 1996 17:39:20 -0500  
From: Doug Wittich <dwittich@concentric.net>  
To: aprssig@tapr.org  
Subject: Re: NTS traffic via APRS  
Message-ID: <1.5.4.32.19961125223920.0067dd90@pop3.concentric.net>

```
> LOCATE 17, 2: PRINT "    _____"
> LOCATE 18, 2: PRINT "    _____"
> LOCATE 20, 2: PRINT "Signature:"
> LOCATE 21, 2: PRINT "Received:": LOCATE 21, 28: PRINT "|"
> LOCATE 21, 45: PRINT "|Sent:": LOCATE 21, 65: PRINT "|"
>
```

Bob, it looks great! I don't have QBASIC, so I can't see it, I had to read the code to see what was happening.

Some additions, if possible: There is a second BT after the message, immediately before the signature. This is NTS std.

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Doug

ps. Wish you coulda played in the hunt. He was on top of a 833' hill at Prettyboy Elem, Balto Co map page 2, down near the bottom. Chuck was then at Hampstead Elem, also a very high spot.

-----

Date: Mon, 25 Nov 1996 22:34:37 EST  
From: w4wwwq@juno.com (Peter J Lascell)  
To: aprssig@tapr.org  
Subject: Response to BUDLIST  
Message-ID: <19961125.212110.4543.1.W4WWWQ@juno.com>

If the subject line is BOLD and threatening, it looks like it gets read, and I thank many of you who have responded here on the SIG and directly to me.

The issues with WA4SSP-14 I am certain will be resolved quickly if not already as I write this. From getting 4 position reports in each packet burst, and then the ping-ponging effect of going through too many WIDEs, it was just too much.

I have given up on the WX station issue and will continue to lock him out. So far, so good. The computer hasn't crashed again if four days. The WX station is 125 bird miles away and not direct anyway, so I think I can afford to pass on that. There are a lot of Northern Virginia

stations that should have a better opportunity to observe if there is really bad data coming from him much better than I. If someone does figure it out so that I can kill the filters, or change some other parameter here, so much the better.

Thanks again SIG for the feedback.

Peter Lascell  
Forest, VA  
w4wwwq@juno.com

-----  
End of APRSSIG Digest 782

\*\*\*\*\*

From aprssig@tapr.org Tue Nov 26 17:44:38 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1640 ; Tue, 26 Nov 96 17:10:41 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA15539; Sun, 24 Nov 1996 22:44:44 -0600  
(CST)  
Date: Sun, 24 Nov 1996 22:44:44 -0600 (CST)  
Message-Id: <199611250444.WAA15539@tapr.org>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6744] APRSSIG digest 781  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Status: R

APRSSIG Digest 781

Topics covered in this issue include:

- 1) VHF PROPAGATION FLORIDA TO TENNESSEE  
by wa4ikq@nevets.oau.org (Geoffrey Dick)
- 2) Sunday Night APRS Net in KC...

- by Jim Duncan <ku0g@sprynet.com>
- 3) Re: APRS/Java ..  
by Cap Pennell <cap@cruzio.com>
- 4) Re: APRSSIG digest 780  
by Mac Cannary <kb5vyt@moontower.com>
- 5) Re: APRS/Java ..  
by Cap Pennell <cap@cruzio.com>
- 6) Re: BUDLIST on KE4JJU-3 & WA4SSP-14  
by "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>
- 7) Ultimeater 2000 remote w/WinAPRS  
by Geoff Peacock <geoff@mafi.mobile.al.us>
- 8) Magellan 3000, Data Connection  
by pgreen4@juno.com (Phillip R Greenland)
- 9) MIM Module Problems??  
by AC6JA@aol.com
- 10) pk-232 mbx problems  
by robert marley <rmarley@aerols.com>
- 11) Re: BUDLIST on KE4JJU-3 & WA4SSP-14  
by rwf <rwf@mindspring.com>
- 12) WinAPRS ACKS?  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 13) Re: BUDLIST on KE4JJU-3 & WA4SSP-14  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 14) Re: BUDLIST on KE4JJU-3 & WA4SSP-14  
by Rick Tilton <Nationwide@mail.infoave.net>
- 15) SEATTLE APRS INFO  
by ddobbins@juno.com (David S Dobbins)

-----

Date: Sat, 23 Nov 96 23:54 EST  
From: wa4ikq@nevets.oau.org (Geoffrey Dick)  
To: aprs-fl@tapr.org, aprssig@tapr.org  
Cc: ninfca@eagnet.com  
Subject: VHF PROPAGATION FLORIDA TO TENNESSEE  
Message-ID: <m0vRWa9-000QdmC@nevets.oau.org>

At 9:14pm this evening, we received some incredible VHF propagation from Central Tennessee into Winter Park, Florida, 6 miles north of Orlando, FL. I am running APRS with the HF Filter ON, so as to not record any stations coming through a HF Gate, i.e. VHF PROPAGATION ONLY.

Received:



11/23 2114 N4QEA >APRS,WA4KJH-7,WA4GKM-5,WIDE,WIDE\*  
Weather Station 39 deg F. Central Tennessee

1959 N4NEQ-2 >BEACON,WIDE,WIDE\* Sweat Mtn., Marietta, Ga.

2101 NE1H >APRS,N4NEQ-2,WIDE,WIDE\* Alan in Buford, Ga.

1803 KR4OL-2 >BEACON,WIDE,WIDE\* Central Georgia W (Macon)

1746 N1NFC >BEACON,KD4GEY,WIDE,WIDE\* Kingsland, Ga.

1803 WA4MEJ >APRS,KD4GEY,WIDE,WIDE\* Hilliard, Fl. John

1831 AA4QI-5 >APRS,AA4QI-1,WIDE,WIDE\* Russell

1940 AA4Q1-2 >APRS,AA4QI-5,WIDE,WIDE\* San Marco, Fl.

1823 AA4QI-1 >APRS,WIDE,WIDE\* Jacksonville, Fl.

1830 W4AB >APRS,AA4QI-1,WIDE,WIDE\* Steve in Mandarin, Fl.

1911 KA4TAR-7 >ID,WIDE,WIDE\* Maxville, Fl.

1638 W4IZ >ID,WIDE,WIDE\* Stark, Fl.

\*KC4VBZ-10>APRS,WIDE Orlando, Fl.

WA4IKQ >APRS,KC4VBZ-10 Geoffrey in Winter Park  
wa4ikq@nevets.oau.org

-----

Date: Sat, 23 Nov 1996 21:47:36 -0800  
From: Jim Duncan <ku0g@sprynet.com>  
To: aprssig@tapr.org  
Cc: kcawg@kcaprs.org  
Subject: Sunday Night APRS Net in KC...  
Message-ID: <199611240547.VAA27449@m1.sprynet.com>

The weekly Sunday Night APRS Net in Kansas City meets at 8:00 p.m. CST on 146.79 MHz (-600 offset). We welcome check-ins by both voice and through the APRS network.

To check in via APRS send a one-liner to KU0G-1. I'm on both HF and VHF during the net and working both voice and data. For your QNI, simply put your name and city/state in the message and I'll acknowledge you on the VHF net on voice. Your **\*\*ACK\*\*** from the APRS station will be your confirmation that you're checked in. I will also post a periodic QNI Log as a Bulletin during and immediately following the net.

Come join us!!!

73 de Jim, KU0G  
Chairman/Coordinator

Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

-----

Date: Sat, 23 Nov 1996 23:46:40 -0800  
From: Cap Pennell <cap@cruzio.com>  
To: aprssig@tapr.org  
Subject: Re: APRS/Java ..  
Message-ID: <3297FD60.251C@cruzio.com>

William B. Bliss wrote:

>  
> Hi Siggers..  
>  
<SNIP!>  
> My Windows is Ver.3.11, PackBell Pentium Force 341CD, with  
> Netscape Gold V3., for 16bit machines..  
> Have downloaded the Win32S version designated PW1118.exe  
> 2,471kb, but have not tried to load it into system.

<SNIP!>  
> 73's & Enjoy, Bill/WB6LPG bbliss@juno.com  
>  
> NNNN  
>  
> .-

Hi Bill. I don't know whether javAPRS will run with Windows 3.11 and Win32s or not. Probably not, I would guess. I do know that Win32s is required to be installed in Windows 3.11 for it to be able to run WinAPRS. Win32s is what it takes for Windows 3.11 to act enough like a 32 bit operating system for WinAPRS to run. I would recommend installing Win32s in your Windows 3.11 and see what happens. At least you'll be able to try WinAPRS (although the WinAPRS program runs alot better in Windows 95, icons are sized right, lines display properly, etc.). Maybe it's time for you to upgrade to Windows 95! I have, and I really like it. I wouldn't want to go back to Windows 3.11. Windows 95 is much more stable (doesn't crash as often) and is much better at multitasking (running more than one program at a time). If you do decide to try Windows 95, then check this URL before you buy Windows 95: <http://www.microsoft.com/windows/support/suptools.htm> It has a file that you run in Windows 3.11 to tell you if your computer

is ready for Windows 95 or not. Have fun! See you on APRS! 73. Cap  
--

Cap Pennell

Santa Cruz, CA, 95062-1002 3658.92N/12200.88W

email: cap@cruzio.com homepage: <http://members.cruzio.com/~cap>

packet radio: KE6AFEakg6ee.#cca.ca.usa.noam

-----  
Date: Sun, 24 Nov 1996 02:18:37 -0600 (CST)

From: Mac Cannary <kb5vyt@moontower.com>

To: aprssig@tapr.org

Subject: Re: APRSSIG digest 780

Message-ID: <Pine.BSI.3.91.961124021739.25180L-100000@beacon.moontower.com>

please change my e-mail address to the following effective immediately:

kb5vyt@texas.net

Thank you and 73.

-MAC

-----  
Date: Sun, 24 Nov 1996 01:13:03 -0800

From: Cap Pennell <cap@cruzio.com>

To: aprssig@tapr.org

Subject: Re: APRS/Java ..

Message-ID: <3298119F.6483@cruzio.com>

Cap Pennell wrote:

>

> William B. Bliss wrote:

> >

> > Hi Siggers..

> >

> <SNIP!>

Oops! Sorry, Siggers! My reply to Bill should have had HIS address on it. 73. Cap

-----  
Date: Sun, 24 Nov 1996 08:03:12 +0000  
From: "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>  
To: aprssig@tapr.org  
Subject: Re: BUDLIST on KE4JJU-3 & WA4SSP-14  
Message-ID: <199611241203.HAA32035@hemisphere.neocomm.net>

> The problem KE4JJU-3 causes on my display is that it will stop processing  
> APRS and a wide horizontal RED band appears with ERROR 6. Yes, pressing  
> the ENTER button will get it going again but everything is lost from the  
> time the lockup happened. KE4JJU-3 is a WX station and I think the WX  
> data is the thing that crashes me.  
> WA4SSP-14 is sending zillions of position reports that contain nothing  
> but time and commas. They come so fast, it pushes the map off the top of  
> the screen displays the packet message down the left side of the display.  
>  
> I don't know either of these station/operators and I feel sure they are  
> not doing anything to intentionally cause me problems.

I often have the same problem. My screen fills with lines from Johns ssp-14 mobile. This only happens occasionally but when it does data processing stops until I hit enter. Somehow his tnc must be sending every sentence from his gps reciever, every second. I had recieved email from John but return mail was undeliverable. I shure enjoy his WX station and watching his mobile....well most of the time he he.

charles

cdavidso@neocomm.net  
<http://www.neocomm.net/~cdavidso/>  
WB4PAN@WB4Q0J.VA.USA.NOAM  
wb4pan@juno.com  
APRS ALDHA ATC  
Georgia>97>Main Chase

-----

Date: Sun, 24 Nov 1996 11:42:53 -0600 (CST)  
From: Geoff Peacock <geoff@mafi.mobile.al.us>  
To: aprssig@tapr.org  
Subject: Ultimeter 2000 remote w/WinAPRS  
Message-ID: <Pine.SOL.3.91.961124113530.28491A-100000ans1>

I am excited to see weather info displayed from a remote U2000 using WinAPRS. My question is the wind display when looking at the station. It appears to be missing a decimal. I don't think winds are 54mph this morning, but I have not really ventured out yet.

I am using the latest version found on the TAPR FTP site. I can send the actual data string from the remote U2000 if needed.

Thanks

KD4GOE

Geoff Peacock

Mobile Area Free-Net, Inc.

-----o00\_\_( )\_00o  
-  
geoff@mafi.mobile.al.us (334) 405-4600

-----  
Date: Sun, 24 Nov 1996 17:55:20 PST  
From: pgreen4@juno.com (Phillip R Greenland)  
To: aprssig@tapr.org  
Subject: Magellan 3000, Data Connection  
Message-ID: <19961124.175701.15230.3.pgreen4@juno.com>

Hello All:

I'm looking for info/help with making connections with GPS and TNC. I have a Magellan 3000 with Power/Data module and KPC-3 with v 6.0 firmware. The info that came with the P/D module lists ,

Red = V+

Black = GND

Yellow = Data Send

Orange = Data Rcv.

The KPC-3 Cabling to GPS,

- \* connect signal ground of GPS data port to pin 7 of KPC-3 serial port. This wire may be identified as "NMEA-" by some GPS Vendors.
- \* connect the "data output pin" of the GPS data port to pin 2 of KPC-3 serial port. The data output pin may be identified as "NMEA+" by some GPS Vendors.
- \* KPC-3 serial port provide for signals that swing PLUS and MINUS approximately 8 volts. Check GPS manual before connecting this wire to make sure that the GPS is capable of handling these voltages.

The GPS info is unclear as what connect are to be made.

I'm wondering if anyone is using this equipment and can help me with this.

Thank You  
Phil Greenland , KB8QHM  
pgreen4@juno.com

-----

Date: Sun, 24 Nov 1996 18:12:12 -0500  
From: AC6JA@aol.com  
To: aprssig@tapr.org  
Subject: MIM Module Problems??  
Message-ID: <961124181211\_1117621284@emout14.mail.aol.com>

finally hooked up my MIM module to the GPS-20 gps card but am now having problems. gps card now doesn't seem to want to lock on to any satellites. i am using the trimble mag mount antenna. when i use my garmin 45 with trimble antenna and data out hooked up to MIM module, everything works fine. the biggest problem seems to be if i enable the beacon for my beacon text and i don't have a lock on any satellites, my beacon goes from once every 20 minutes to once every THREE seconds. problem goes away when there is valid gps data on pin 20, like when i hook up the garmin 45. had been using the gps-20 for quite some time in the truck with no problems. i am using a 7805 regulator for the 5v supply to the gps-20 and under load puts out 4.97vdc. am powering the MIM module with 12v to pin 1. also had a problem with the MIM module losing its stored data just by turning the power off and on. seems like it's doing a reset after so many powerups?

any info from anyone who's gotten the abovementioned items working would be GREATLY appreciated!  
thanks!

Mike AC6JA

-----  
Date: Sun, 24 Nov 1996 20:19:46 -0800  
From: robert marley <rmarley@aerols.com>  
To: aprssig@tapr.org  
Subject: pk-232 mbx problems  
Message-ID: <32991E62.5134@LU.LINCOLN.EDU>

I HAVE AN AEA PK-232 MBX THAT WILL NOT RELAY MY MOBILE POSTITS. I AM USING APRSDOS VER 7.6D I CHECKED TO SEE IF MY ALIAS IS RELAY AND IT IS. ALSO THERE WAS SOME TALK AWHILE BACK ABOUT THE ERROR LIGHT STAYING ON WHEN CONNECTED TO A COMPUTER, IS THIS NORMAL? OR HOW DO YOU CHANGE THIS?

THANKS IN ADVANCE, de N3OBQ ROBERT MARLEY

-----  
Date: Sun, 24 Nov 1996 20:11:31 -0500  
From: rwf <rwf@mindspring.com>  
To: aprssig@tapr.org  
Subject: Re: BUDLIST on KE4JJU-3 & WA4SSP-14  
Message-ID: <3.0.32.19961124195937.006ebb58@mindspring.com>

Sounds like he may have a KPC-3 tracker with CMSG not set to DISC. If someone connects to a unit in this configuration, it will stream until the entire GPS track buffer has been sent over the channel.

\*always\* set CMSG to DISC on a KPC3 if you don't wanna make everyone go crazy. Just ask Bob Winingham (hehe)

Ralph

At 06:07 AM 11/24/96 -0600, you wrote:

>

>> The problem KE4JJU-3 causes on my display is that it will stop processing  
>> APRS and a wide horizontal RED band appears with ERROR 6. Yes, pressing  
>> the ENTER button will get it going again but everything is lost from the  
>> time the lockup happened. KE4JJU-3 is a WX station and I think the WX  
>> data is the thing that crashes me.

> > WA4SSP-14 is sending zillions of position reports that contain nothing  
>> but time and commas. They come so fast, it pushes the map off the top of  
>> the screen displays the packet message down the left side of the display.  
>>

>> I don't know either of these station/operators and I feel sure they are  
>> not doing anything to intentionally cause me problems.

>

> I often have the same problem. My screen fills with lines  
>from Johns ssp-14 mobile. This only happens occasionally but when it  
>does data processing stops until I hit enter. Somehow his tnc must be  
>sending every sentence from his gps reciever, every second. I had  
>recieved email from John but return mail was undeliverable. I shure  
>enjoy his WX station and watching his mobile....well most of the time  
>he he.

>

>

>charles

>

>

>cdavidso@neocomm.net

><http://www.neocomm.net/~cdavidso/>

>WB4PAN@WB4Q0J.VA.USA.NOAM

>wb4pan@juno.com

>APRS ALDHA ATC

>Georgia>97>Main Chase

>

>

-----

Date: Sun, 24 Nov 1996 21:22:03 -0500 (EST)

From: Bob Bruninga <[bruninga@nadn.navy.mil](mailto:bruninga@nadn.navy.mil)>

To: [aprssig@tapr.org](mailto:aprssig@tapr.org)

Subject: WinAPRS ACKS?

Message-ID: <[Pine.GS0.3.95.961124211847.13986A-100000@arctic](mailto:Pine.GS0.3.95.961124211847.13986A-100000@arctic)>



For weeks now, I have been trying to send messages to a local WinAPRS station, but he never acks. He says he is getting my messages. But I never see any acks although I do see his STATUS and POSITION packets. He just upgraded a week or so ago, he said to fix the problem, but it is still there... His position includes the string -117-<520> which I guess is the WinAPRS version number.

I wont bother the Sprouls with this but has anyone else had a simplar experience..?

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Sun, 24 Nov 1996 21:41:15 -0500 (EST)

From: Bob Bruninga <[bruninga@nadn.navy.mil](mailto:bruninga@nadn.navy.mil)>

To: [aprssig@tapr.org](mailto:aprssig@tapr.org)

Subject: Re: BUDLIST on KE4JJU-3 & WA4SSP-14

Message-ID: <Pine.GS0.3.95.961124213726.13986D-100000@arctic>

On Sat, 23 Nov 1996, Peter J Lascell wrote:

> The problem KE4JJU-3 causes on my display is that it will stop processing  
> APRS and a wide horizontal RED band appears with ERROR 6. KE4JJU-3 is  
> a WX station and I think the WX data is the thing that crashes me.  
>  
> WA4SSP-14 is sending zillions of position reports that contain nothing  
> but time and commas.

\*\*\* His TNC fell out of GPS mode and is in standard TNC mode. His problem... Must be fixed!

> I run APRS 7.7C on a 286-12 MHz clone with math co-processor..

\*\*\* 77C should be imune to bad WX data. So I dont have a clue...

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----  
Date: Sun, 24 Nov 1996 21:44:58 -0500  
From: Rick Tilton <Nationwide@mail.infoave.net>  
To: aprssig@tapr.org  
Subject: Re: BUDLIST on KE4JJU-3 & WA4SSP-14  
Message-ID: <9611250244.AA09869@news2.infoave.net>

Hello Peter, I know WA4SSP and will forward along to him. I too am sure it is not intentional as John is a friend of mine and an "AVID" APRS fan. However, I am sure he will double check everything. Not sure why you are having problem but none of the locals have reported a problem. Hope it gets worked out.

Tnx.. Rick, N4WYK

>  
>To band aid it I have used the LCALL and BUDLIST commands in the TNC to  
>ignore KE4JJU-3 and WA4SSP-14.  
>  
>The problem KE4JJU-3 causes on my display is that it will stop processing  
>APRS and a wide horizontal RED band appears with ERROR 6. Yes, pressing  
>the ENTER button will get it going again but everything is lost from the  
>time the lockup happened. KE4JJU-3 is a WX station and I think the WX  
>data is the thing that crashes me.  
  
>WA4SSP-14 is sending zillions of position reports that contain nothing  
>but time and commas. They come so fast, it pushes the map off the top of  
>the screen displays the packet message down the left side of the display.

>Any ideas guys?

>  
>  
>Peter Lascell  
>Forest, VA  
>w4wwwq@juno.com  
>  
>

-----  
Date: Sat, 23 Nov 1996 18:25:17 PST

From: ddoobbins@juno.com (David S Dobbins)  
To: aprssig@tapr.org  
Subject: SEATTLE APRS INFO  
Message-ID: <19961123.185945.4463.0.ddoobbins@juno.com>

For Seattle area APRS folks.... Just a reminder I'll be giving the APRS demo at the Boeing Amateur Radio Club (BARC) monthly meeting in Kent, Dec. 7th, 10:00 a.m. Following that, at 1:00 pm, the Puget Sound APRS group, led by Doug/K7IP, will host a coffee at nearby Kent coffeehouse. Details to follow. I think I remember hearing Doug say he'll buy the coffee and pie. I may have been dreaming, I don't know.

FYI, Gervie/W7FEN is now a WIDE. Thanks to Doug/K7IP and Richard/N7RIG for the help. This should improve Seattle APRS activity until we get the remote WIDE digi up and running. An outgoing path of WIDE,WIDE,N7REM will get you coverage throughout Puget Sound, down to the Chehalis area, where I'm located. Please don't WIDE,WIDE,WIDE as the packets will be duplicated.

Also, for those of you on the Bremerton side... I'll do the APRS dance again Dec 13th at the Belfair Radio Club dining out. Contact a club member for details.

Any ID-MT-WA-OR APRS not on distro for the monthly Greater Northwest APRS newsletter, please email me direct with name/cs, address, phone number, email address and general info. Thanks.

Don't forget to visit the GNW APRS WWW Home page hosted by Tom/KC7DRX:  
<http://www.hurricane.net/~eyephase/aprs.htm>

David S. Dobbins/WH6YC  
Greater Northwest APRS Coordinator  
(Montana, Idaho, Oregon, Washington)  
(360) 291-3707  
ddoobbins@juno.com

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End of APRSSIG Digest 781

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From aprssig@tapr.org Tue Nov 26 22:00:36 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1642 ; Tue, 26 Nov 96 21:43:58 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA19087; Tue, 26 Nov 1996 22:56:32 -0600  
(CST)  
Date: Tue, 26 Nov 1996 22:56:32 -0600 (CST)  
Message-Id: <199611270456.WAA19087@tapr.org>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6782] APRSSIG digest 783  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Status: R

#### APRSSIG Digest 783

Topics covered in this issue include:

- 1) MCX connector source?  
by Alan Biddle <APBIDDLE@worldnet.att.net>
- 2) mail archive search is ready  
by Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>
- 3) Re: NTS traffic via APRS  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 4) Re: MIM Module Problems??  
by Terrance Kealey <tkealey@mdc.com>
- 5) Re: MCX connector source?  
by clark@omcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
- 6) Question on APRS Routing (flooding)  
by Richard Parry <rparry@qualcomm.com>
- 7) Re: MIM Module Problems??  
by Boyd Prestwood <w2hob@mosquito.com>
- 8) Re: Question on APRS Routing (flooding)  
by Boyd Prestwood <w2hob@mosquito.com>
- 9) Re: MCX connector source?  
by Alan Biddle <APBIDDLE@worldnet.att.net>
- 10) Re: Question on APRS Routing (flooding)  
by Bob Bruninga <bruninga@nadn.navy.mil>

- 11) Re: MIM Module Problems??  
by Dr Samuel Guccione <sguccione@outland.dtcc.edu>
- 12) Re: MIM Module Problems??  
by AC6JA@aol.com
- 13) Re: MIM Module Problems??  
by AC6JA@aol.com
- 14) Re: emergency comms  
by huey@juno.com (Huey M Fourquet)
- 15) Re: PARS Documentation  
by rbeckettaSchwab.COM
- 16) Re: Question on APRS Routing (flooding)  
by ttyamadaaCCGATE.HAC.COM
- 17) Re: MCX connector source?  
by Tommie Taylor <tomcmugs@n-link.com>
- 18) APRS in Dec. Issue of 73 Amateur Radio Today Magazine  
by wa4ikq@nevents.oau.org (Geoffrey Dick)
- 19) Re: PARS Documentation  
by Bill Kearns <billk@inland.net>
- 20) Re: [PARSNIP:6772] Re: emergency comms  
by rwhartaix.netcom.com (Roderick W. Hart)
- 21) APRS/java  
by "William B. Bliss/WB6LPG" <wbliss@coastside.net>
- 22) Re: RG 316?  
by Paul Stump <n01rf@computer-services.com>
- 23) Re: NTS traffic via APRS  
by Doug Wittich <dwittich@concentric.net>
- 24) Re: Magellan 3000, Data Connection  
by "Leslie H. Loftin" <lhl@flash.net>

-----  
Date: Tue, 26 Nov 1996 12:16:17 +0000  
From: Alan Biddle <APBIDDLE@worldnet.att.net>  
To: aprssig@tapr.org  
Subject: MCX connector source?  
Message-ID: <3.0.32.19961126121531.0068642c@postoffice.worldnet.att.net>

Hi,

Does anyone know a small lot source for the MCX connectors/adapters used in the Garmin 20 antenna?



From: Terrance Kealey <tkealey@mdc.com>  
To: aprssig@tapr.org  
Subject: Re: MIM Module Problems??  
Message-ID: <s29ae8c7.034@mdc.com>

Mike,

I have the same problem with the beacon text being transmitted every few second when using the MIM and GPS-20. This usually occurs for about 2 minutes after turn on - until the position becomes valid. It will also occurs 30 seconds after you lose satellite lock. My work around has been to connect a switch and LED to the PTT out line and connect the PTT after the LED quits flashing every few seconds. Another option is to turn off the beacon text. As long as the RMC data out of the GPS-20 is valid, the MIM works great.

I think the problem is the result of the GPS-20 using a few more decimal places for some of the data fields. This caused a problem with the MIC Encoder velocity being output incorrectly. I just received an updated controller chip for the MIM module and my preliminary testing indicates that these problems have been fixed. I did see a few oddities, but due to it being late at night when I played with it and the need for a wiring modification, I will need to look at it closer. I will probably not have time to do any additional testing until after this week end.

The other problem you had with the EEPROM data being lost is also something that I have experienced. This would happen if I cycled power a couple time in quick succession. I have not had this problem for awhile, probably due to my not resetting the GPS as much since I threw out my patch antenna and got an amplified mag mount. The patch antenna was only receiving about half the satellites and I would cycle power to both the GPS and MIM (only one power input) because I thought the GPS was locking up. I probably dumped memory 3 or 4 times doing that, but since it is now powered up when I turn on the ignition, I have not had any problems.

I don't know if this has been any help, but I have seen the same problems.

Terry, K10BF

>>> <AC6JA@aol.com> 11/24/96 05:19pm >>>

finally hooked up my MIM module to the GPS-20 gps card but am now having problems. gps card now doesn't seem to want to lock on to any satellites. i am using the trimble mag mount antenna. when i use my garmin 45 with trimble antenna and data out hooked up to MIM module, everything works fine. the biggest problem seems to be if i enable the beacon for my beacon text and i don't have a lock on any satellites, my beacon goes from once every 20 minutes to once every THREE seconds. problem goes away when there is valid gps data on pin 20, like when i hook up the garmin 45. had been using the gps-20 for quite some time in the truck with no problems. i am using a 7805 regulator for the 5v supply to the gps-20 and under load puts out 4.97vdc.

am powering the MIM module with 12v to pin 1. also had a problem with the MIM module losing its stored data just by turning the power off and on. seems like it's doing a reset after so many powerups? any info from anyone who's gotten the abovementioned items working would be GREATLY appreciated! thanks!

Mike AC6JA

-----  
Date: Tue, 26 Nov 96 19:23:28 UTC  
From: clarkatomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)  
To: aprssig@tapr.org  
Subject: Re: MCX connector source?  
Message-ID: <5047atomcat.gsfc.nasa.gov>

Re MCX connectors -- here is a replay of a message I posted a few weeks ago:

> From: clarkatomcat.gsfc.nasa.gov  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6124] Re: GPS-20  
> X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
> X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
> In-Reply-To: your message of Fri, 1 Nov 1996 17:22:35 -0600 (CST).  
>  
> The easiest/fastest source for MCX xconnectors is DigiKey. You can contact  
> them at 1-800-DIGIKEY or at <http://www.digikey.com>  
>



> I recommend the J-536 connector listed for RG316. It fits RG174 fine.  
> The right-angle connectors are much easier to install and there is no  
> need to pay for the gold finish. Digikey's 1-9 price is \$5.23, dropping  
> to \$4.59 at qty=10. If you have their July/August 96 catalog # 964, they  
> are shown on page 73.  
>  
> 73, Tom

-----  
Date: Tue, 26 Nov 1996 11:33:48 -0800  
From: Richard Parry <rparry@qualcomm.com>  
To: aprssig@tapr.org  
Subject: Question on APRS Routing (flooding)  
Message-ID: <v03007802aec0f3124b51a[129.46.159.136]>

Can anyone answer this APRS Network Routing Question ("Flooding")

Question: As I presently understand APRS routing, it seems the APRS routing scheme of using RELAY and WIDE to repeat a packet should fail.

For example, assume I send: W9IF>RELAY>APRS etc. etc. etc.

Now if all the "RELAY" stations that hear my packet repeat my packet, then they will all collide with each other, right? This is called flooding in network terminology. In other words, it sure seems like the network will "explode" with everyone repeating my packet at the same time. What am I missing?

I know that I am wrong since APRS works, but I sure don't understand where my reasoning fails. Thanks in advance for anyone explaining this.

-----  
Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B  
Globalstar/Gateway Reverse Link  
Internal Web -> <<http://qcwww/~rparry>>  
External Web -> <<http://www.qualcomm.com/~rparry>>  
-----

-----  
Date: Tue, 26 Nov 1996 16:07:08 -0500 (EST)  
From: Boyd Prestwood <w2hob@mosquito.com>  
To: aprssig@tapr.org  
Subject: Re: MIM Module Problems??  
Message-ID: <199611262107.QAA17956@itchy.mosquito.com>

At 12:59 11/26/96 -0600, you wrote:

>Mike,  
>I have the same problem with the beacon text being transmitted every  
>few second when using the MIM and GPS-20. This usually occurs for  
>about 2 minutes after turn on - until the position becomes valid. It will  
>also occurs 30 seconds after you lose satellite lock.

W2HOB REPLY:

Fellows:

I have never had this happen and I built two each of the GPS-20 and MIM 1.06  
combos to make two standalone trackers. Maybe something was fixed in MIM  
version 1.06 or...

Maybe you don't have your parms configured... everything works from the base  
period (PER) so it must be set first. The BEACON period, the TELEMETRY  
period, and the POSITION period are all multiples from the base period.  
Sounds like you may be transmitting data in the "raw" mode... check the  
docs... they're pretty clear on this.

Even if no POSITION, COURSE, and SPEED data is present out of the GPS-20, it  
will still send NULs to let you know it's alive. That's handy! What version  
might y'all be running (MIM) and what do your parms look like. I'll help if  
I can.

Have fun es 73 de Boyd  
w2hob@mosquito.com

-----  
Date: Tue, 26 Nov 1996 16:11:21 -0500 (EST)  
From: Boyd Prestwood <w2hob@mosquito.com>  
To: aprssig@tapr.org

Subject: Re: Question on APRS Routing (flooding)  
Message-ID: <199611262111.QAA18008@itchy.mosquito.com>

At 13:40 11/26/96 -0600, you wrote:

> For example, assume I send: W9IF>RELAY>APRS etc. etc. etc.  
>  
> Now if all the "RELAY" stations that hear my packet repeat my packet,  
> then they will all collide with each other, right? This is called flooding  
> in network terminology. In other words, it sure seems like the network  
> will "explode" with everyone repeating my packet at the same time. What am  
> I missing?

W2HOB REPLY:

If you're a mobile (the only stations that should be using RELAY, WIDE, etc), then the chances of very many RELAYs hearing you are reasonably low. Only the ones that hear you will digipeat you... yeah, some collisions but not to the "flood" extent and not serious.

Have fun es 73 de Boyd  
w2hob@mosquito.com

-----

Date: Tue, 26 Nov 1996 21:42:50 +0000  
From: Alan Biddle <APBIDDLE@worldnet.att.net>  
To: aprssig@tapr.org  
Subject: Re: MCX connector source?  
Message-ID: <3.0.32.19961126214144.0068bb3c@postoffice.worldnet.att.net>

Tom,

Thanks for the replay. I was not subscribed for a few weeks. Also, some kind soul reminded me about the TAPR archive search facility.

Again, thanks!

Alan

-----  
Date: Tue, 26 Nov 1996 18:06:44 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: Question on APRS Routing (flooding)  
Message-ID: <Pine.GS0.3.95.961126180343.26081C-100000@arctic>

On Tue, 26 Nov 1996, Richard Parry wrote:

> Can anyone answer this APRS Network Routing Question ("Flooding")  
>  
> For example, assume I send: W9IF>RELAY>APRS etc. etc. etc.  
>  
> Now if all the "RELAY" stations that hear my packet repeat my packet,  
> then they will all collide with each other, right? This is called  
flooding

APRSDOS REPLY/COMMENT: How many other stations will really hear you  
direct? Maybe one or two. They will both digipeat you once.. They might  
collide, (for someone listening in the middle between them, but their  
packets may be heard separately by more distant stations. But no one else  
will digipeat since these first 2 used up the RELAY hop. This is why you  
should NEVER send via RELAY more than one hop and RELAY, if used, should  
be the first DIGI hop...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----  
Date: Tue, 26 Nov 1996 18:32:54 -0500 (EST)  
From: Dr Samuel Guccione <sguccione@outland.dtcc.edu>  
To: aprssig@tapr.org  
Subject: Re: MIM Module Problems??  
Message-ID: <Pine.SV4.3.95.961126183221.16832A-100000@outland.dtcc.edu>

I experienced these problems with the MIM v1.02 and 1.04 - I wonder if an  
older MIM got mixed in?

On Tue, 26 Nov 1996, Boyd Prestwood wrote:

> At 12:59 11/26/96 -0600, you wrote:  
> >Mike,  
> >I have the same problem with the beacon text being transmitted every  
> >few second when using the MIM and GPS-20. This usually occurs for  
> >about 2 minutes after turn on - until the position becomes valid. It will  
> >also occurs 30 seconds after you lose satellite lock.  
>  
> W2HOB REPLY:  
> Fellows:  
>  
> I have never had this happen and I built two each of the GPS-20 and MIM  
1.06  
> combos to make two standalone trackers. Maybe something was fixed in MIM  
> version 1.06 or...  
>  
> Maybe you don't have your parms configured... everything works from the  
base  
> period (PER) so it must be set first. The BEACON period, the TELEMETRY  
> period, and the POSITION period are all multiples from the base period.  
> Sounds like you may be transmitting data in the "raw" mode... check the  
> docs... they're pretty clear on this.  
>  
> Even if no POSITION, COURSE, and SPEED data is present out of the GPS-20,  
it  
> will still send NULs to let you know it's alive. That's handy! What  
version  
> might y'all be running (MIM) and what do your parms look like. I'll help  
if  
> I can.  
>  
> Have fun es 73 de Boyd  
> w2hob@mosquito.com  
>  
>  
>

\*\*\*\*\*

Dr. Sam Guccione Delaware Technical & Community College

302-741-2802                      1832 North duPont Highway  
ARS K3BY                      Dover, DE 19901

\*\*\*\*\*

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Date: Tue, 26 Nov 1996 18:46:44 -0500  
From: AC6JA@aol.com  
To: aprssig@tapr.org  
Subject: Re: MIM Module Problems??  
Message-ID: <961126184643\_1951251929@emout10.mail.aol.com>

thanks for your info. talked with will clement with clement engineering and he advised me that the problems i and you are/have had are due to bugs in the original eeprom. he advised me that a new eeprom is available for \$20.00! i kinda felt that since the original MIM module could have never worked properly as i got it originally, that the new eeprom should not cost me anything. talked to will about this but i still have to pay an additional \$20.00 to get the new eeprom. oh well, what can you do? got to have to corrected eeprom to get it to work properly. guess clement engineering also has a new MIM module based on surface mount components that is much smaller than the ones we have. they are also the same price of \$90.00. anyways, thanks again for the info, and will look forward to getting my new eeprom.

Mike AC6JA

-----

Date: Tue, 26 Nov 1996 18:51:17 -0500  
From: AC6JA@aol.com  
To: aprssig@tapr.org  
Subject: Re: MIM Module Problems??  
Message-ID: <961126185116\_1683655655@emout03.mail.aol.com>

thanks for your response. talked with clement engineering and he advised me that my problems are due to me having an earlier version eeprom with those particular bugs. now i have to send in an additional \$20.00 to get the newest version eeprom that fixes the MIM module that will never work right

until that chip is replaced. oh well, what else can one do? ordered my new  
eeprom today and look forward to getting it all working correctly soon.  
hope  
there aren't any "more" bugs that we have to pay an additional \$20 to get  
fixed.

thanks again.

Mike AC6JA

-----

Date: Mon, 25 Nov 1996 18:47:30 PST  
From: huey@juno.com (Huey M Fourquet)  
To: aprssig@tapr.org  
Subject: Re: emergency comms  
Message-ID: <19961126.180747.8582.0.huey@juno.com>

The article on emergency comms is available on the www at:

<http://www.sciencemag.org/science/scripts/display/full/274/5288/739.html>

Huey  
N1HF

On Mon, 25 Nov 1996 11:41:41 -0600 (CST) Alan Crosswell  
<alan@watson.cc.columbia.edu> writes:

>>...

>>Authors are recommending a decentralization of emergency information  
>>systems, with open access and horizontal communications. "Information  
>>volunteers" would log in information, "possibly into a schematic  
>>block-by-block display of a city". This would somehow be accessed by  
>>dialing 711. (this part not too clear). Amateur radio was not  
>mentioned,

>>but this has APRS written all over it.

>>

>>73, Sam KJ6BU

>>sams@jetlink.net

>

>Professor Noam's callsign is KE2PN. He's given congressional  
>testimony about spectrum auctions too. Every year, 20-30 of his MBA  
>students in Management of Information, Communications and Media

>get their Technician licenses as part of a course he teaches  
>(primarily at exams run by our VE team which we bring over to a  
>lecture room in the B-school since they wouldn't fit in our little  
>conference room). We've tried to get his students to stop by the  
>W2AEE shack and operate but they are generally too busy with their  
>coursework (as is the case in general with students here). But at  
>least they are a little bit familiar with the Amateur Service and  
>might pick it up later...  
>  
>Noam is the director of the Columbia Institute for Tele-Information,  
>CITI.  
>See <http://www.ctr/citi/index.html> if you're interested.  
>  
>After I read the article maybe I'll approach him with an APRS demo.  
>He strikes me as being much more on a theoretical plain though,  
>not to mention way too busy....  
>  
>73 de Alan N2YBK  
>  
>

-----  
Date: Tue, 26 Nov 1996 16:43:07 +0000  
From: rbeckettaSchwab.COM  
To: aprssig@tapr.org  
Subject: Re: PARS Documentation  
Message-ID: <9611270042.AA08786@sv0001dev.dev.schwab.com>

I copied your information and it was very helpful but I still don't seem to be able to find a good set of documentation which will tell me what this WIDE,WIDE,WIDE is about. I know it is in the TNC settings but I don't know what it means and it's not described under the "Settings" - "TNC" section of the documentation you sent me. It does appear under "UNPROTO path"  
The documentation says "Do NOT put more than one GATE in your path." but the default shows "gate,gate,wide"  
I don't understand what the Gateway item is. Perhaps it doesn't matter in my case at this time. However I do know that eventually I will be running both VHF and HF from my Kantronics Plus.  
Rich  
(415) 636-8340 - work



(510) 521-1559 - Beckett & Associates Office

-----

Date: Tue, 26 Nov 96 17:21:03 PST8  
From: ttyamadaa@CCGATE.HAC.COM  
To: aprssig@tapr.org  
Subject: Re: Question on APRS Routing (flooding)  
Message-ID: <9610268490.AA849057550@CCGATE.HAC.COM>

Also, please use a call sign rather than Relay  
if your running a stationary \*base\* setup.  
(esp. if you have any elevation &/or power)

Thanks,  
Ted... KJ6ZJ

----- Forward Header

-----  
Subject: [APRSSIG:6768] Re: Question on APRS Routing (flooding)  
Author: aprssig@tapr.org at CCGATE  
Date: 11/26/96 3:37 PM

APRSDos REPLY/COMMENT: How many other stations will really hear you  
direct? Maybe one or two. They will both digipeat you once.. They might  
colide, (for someone listeneing in the middle between them, but their  
packets may be heard separately by more distant stations. But no one else  
willl digipeat since these first 2 used up the RELAY hop. This is why you  
should NEVER send via RELAY more than one hop and RELAY, if used, should  
be the first DIGI hop...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Tue, 26 Nov 1996 19:25:58 -0800

From: Tommie Taylor <tomcmugs@n-link.com>  
To: aprssig@tapr.org  
Subject: Re: MCX connector source?  
Message-ID: <329BB4C6.5ECF@n-link.com>

Alan Biddle wrote:

Does anyone know a small lot source for the MCX connectors/adapters used in the Garmin 20 antenna?

DiGiKey Has a source around \$5.00 each...

1-800-344-4539

I am looking for RG 178 or RG 316  
for use with the MCX

--

CUSTOM MUGS, 13 Dana drive, Lampasas Tx 76550-1113  
Internet: tomcmugs@n-link.com / tomcmugs@juno.com  
Phone: (512) 556-4691 This is also a FAX Request line:)  
We Print your Color Photos onto coffee mugs.... Check us out.

-----

Date: Tue, 26 Nov 96 20:25 EST  
From: wa4ikq@nevets.oau.org (Geoffrey Dick)  
To: aprs-flatapr.org, aprssig@tapr.org  
Subject: APRS in Dec. Issue of 73 Amateur Radio Today Magazine  
Message-ID: <m0vSYky-000QdmC@nevets.oau.org>

If you do not have a subscription, head to the newstands and pick up a copy of the December, 1996 issue of 73 Amateur Radio Today Magazine. Bob Bruninga has an 8 page article featured in it, beginning page 10, with lots of illustrations.

Geoffrey Dick  
Winter Park, FL  
wa4ikq@nevets.oau.org

-----

Date: Tue, 26 Nov 1996 17:54:52 -0800  
From: Bill Kearns <billk@inland.net>

To: aprssig@tapr.org  
Subject: Re: PARS Documentation  
Message-ID: <2.2.16.19961126180921.251f631c@inland.net>

At 06:49 PM 11/26/96 -0600, you wrote:

>I copied your information and it was very helpful but I still don't  
>seem to be able to find a good set of documentation which will tell  
>me what this WIDE,WIDE,WIDE is about.

The following paths are NOT considered good practice and should not normally be used... and if you do, some Do-gooder will fuss at you...

RELAY,RELAY       - Some RELAY stations will never hear you due to  
colisions  
                  but his may be ok if there are NO WIDES and no single  
                  station has any better HAAT than any other  
.....WIDE,RELAY - NEVER do this. EVERY home station for 50 miles will  
                  key up on your every packet!  
WIDE,WIDE,WIDE    - Gets you out 3 hops in all directions but also results  
                  in as many as 27 duplicate packets plus 30 seconds of  
                  airtime. Dont DO THIS! No one will get through...  
WIDE,GATE         - You are QRMing the HF net which you cannot hear!  
WIDE,GATE,GATE,WIDE - You are QRMing every APRS net in the country!

The following paths are reasonable and are used under the circumstances shown:

RELAY            - Default. GOod starting place to see whats out there  
WIDE             - Covers your local area if there is a WIDE  
RELAY,WIDE       - Can link you into a WIDE but only if you cannot figure  
                  out the call of your neighbor that is RELAYing you  
WIDE,WIDE        - Gets you out 2 hops in all directions with minimal foldback  
WIDE,WIDE,W3XYZ,W4XYZ - Gets out 2 hops in all directions and 4 hops  
                  in the direction towards W4XYZ

hope this helps you out...

Bill Kearns WB6JAR                      /////  
    ( o o )                      billkainland.net

-----o00--( )--00o-----

-----  
  
Date: Wed, 27 Nov 96 02:42:08 GMT  
From: rwhartaix.netcom.com (Roderick W. Hart)  
To: aprssig@tapr.org  
Subject: Re: [PARSNIP:6772] Re: emergency comms  
Message-ID: <M.112696.214208.60@col-md9-54.ix.netcom.com>

I REALLY HOPE THIS ISN'T ANOTHER SUGGESTION TO UNDO THE "ONE EMERGENCY  
NUMBER"  
CONCEPT. I AM GOING TO GET THE ARTICLE AND READ IT. HOPEFULLY THE NATIONAL  
EMERGENCY NUMBER ASSOCIATION (NENA), FEMA, AND APCO WILL BE CONSULTED BEFORE  
THESE IDEAS GET PROPAGATED AND THE WHOLE EMERGENCY COMMUNICATIONS SYSTEM  
FALLS  
APART.

On 11/26/96 7:06PM, in message <19961126.180747.8582.0.huey@juno.com>, Huey  
M  
Fourquet <huey@juno.com> wrote:

> Return-Path: <aprssig@tapr.org>  
> Received: from tapr.org (tapr.org [204.17.217.20]) by  
ixmail2.ix.netcom.com  
> (8.7.5/SMI-4.1/Netcom)  
> id QAA08826; Tue, 26 Nov 1996 16:47:34 -0800 (PST)  
> Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9)  
> with SMTP id SAA04855; Tue, 26 Nov 1996 18:06:43 -0600 (CST)  
> Date: Tue, 26 Nov 1996 18:06:43 -0600 (CST)  
> Message-Id: <19961126.180747.8582.0.huey@juno.com>  
> Reply-To: aprssig@tapr.org  
> Originator: aprssig@tapr.org  
> Sender: aprssig@tapr.org

> Precedence: bulk  
> From: huey@juno.com (Huey M Fourquet)  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6772] Re: emergency comms  
> X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
> X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
> X-Mailer: Juno 1.00  
>  
> The article on emergency comms is available on the www at:  
>  
> <http://www.sciencemag.org/science/scripts/display/full/274/5288/739.html>  
>  
> Huey  
> N1HF  
>  
> On Mon, 25 Nov 1996 11:41:41 -0600 (CST) Alan Crosswell  
> <alan@watsun.cc.columbia.edu> writes:  
> >>...  
> >>Authors are recommending a decentralization of emergency information  
> >>systems, with open access and horizontal communications. "Information  
> >>volunteers" would log in information, "possibily into a schematic  
> >>block-by-block display of a city". This would somehow be accessed by  
> >>dialing 711. (this part not too clear). Amateur radio was not  
> >mentioned,  
> >>but this has APRS written all over it.  
> >>  
> >>73, Sam KJ6BU  
> >>sams@jetlink.net  
> >  
> >Professor Noam's callsign is KE2PN. He's given congressional  
> >testimony about spectrum auctions too. Every year, 20-30 of his MBA  
> >students in Management of Information, Communications and Media  
> >get their Technician licenses as part of a course he teaches  
> >(primarily at exams run by our VE team which we bring over to a  
> >lecture room in the B-school since they wouldn't fit in our little  
> >conference room). We've tried to get his students to stop by the  
> >W2AEE shack and operate but they are generally too busy with their  
> >coursework (as is the case in general with students here). But at  
> >least they are a little bit familiar with the Amateur Service and  
> >might pick it up later...  
> >  
> >Noam is the director of the Columbia Institute for Tele-Information,  
> >CITI.

> >See <http://www.ctr/citi/index.html> if you're interested.  
> >  
> >After I read the article maybe I'll approach him with an APRS demo.  
> >He strikes me as being much more on a theoretical plain though,  
> >not to mention way too busy....  
> >  
> >73 de Alan N2YGG  
> >  
> >  
>  
>

--

Roderick W. Hart  
Amateur Radio Station WA3MEZ

-----

Date: Tue, 26 Nov 1996 19:19:45 -0800  
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>  
To: aprssig@tapr.org  
Cc: cap@cruzio.com  
Subject: APRS/java  
Message-ID: <199611270319.TAA21010@poseidon.coastside.net>

Hi to all (Siggers),  
REMYMSG 19TH on javAPRS active APRS MAPS and Win3.11..

Want to thank all who responded to my msg. Steve/K4HG and  
note his TIGER.GIF map of SanFran Bay area worth looking at,  
and saving as a GIF file, Steve is it available in DOS file  
format for Art/N2ZRC, he save all DOS maps he can find.???

Thanks to Marley & Hasan, who advised I have to again support  
Mr. B Gates and his monopoly (He has enough money now). To  
run javAPRS you gotta have WINDOWS 95.. The time of the year  
to say Bah Humbug to that...

I did find two places to dowload Win32S for Version 3.11  
the 32bit version vice 16bit made for V3.11..

The MS Web site, their file called PW1118.exe 2,174Kb file.  
or and appears to be the same file/data/# of bytes. at  
<http://www.ncsa.uiuc.edu/SDG/Software/Winmosaic/win32.htm..>

They both have same nr of bytes in the file, so appears to both  
be the same.

I download it to my V3.11 and took it fine added a bunch of  
new files, but so far everything seems to be running ok and same  
as before, except it will not run APRS active maps. I get the  
very same statement as before.:

"Sorry, your browser isn't Java compatible!!!!!! "

With Netscape Gold Ver3, booted up, under OPTIONS, NETWORK  
PREFERENCES, LANGUAGES, it shows JAVA/JAVA SCRIPT. With two  
boxes to mark X.. Enable java (real light and caint Mark)

Have Marked "X" Enable Java script... (Only one can mark)  
but still Java error msg not compatible comes up.. ????? Why..

If javAPRS requires WIN95, what browser file or combination  
of browser type files within WIN95 is required, anyone know  
which ones and can they be loaded into Win#.11 for Work groups.  
??? Big question of the day. Caint we steal couple of Win95  
browser files and put em in Win3.11 ???

Or, what is required to get javAPRS to work with Win3.11 ???  
How about it programmers, everything else in this crazy computer  
business can be written, anyone take a stab at this delema ???.

I just don't want to DONATE, to GATES's palace in Puget  
Sound again, and have to purchase Win95..

And Cap, thanks for your input, have downloade the MS support  
files you suggested but have not read them as yet. Located at:  
<http://www.microsoft.com/windows/support/supptools.htm>  
consisting of 1. ASSIST.EXE 1,320,501 bytes, and WIN95APP.EXE.  
Couple of HTM files, COMPATLI AND HWTEST...

Again thanks all for your responses. I guess it's WIN95 or won't  
see the active APRS maps in other areas.

And I hope this is the last one. Delorme Trackmate in the TIGER  
Software latest mail order catalog, is \$199.99... "Never Get Lost

Again", yeh right..!!!!

73's & Enjoy, Bill/WB6LPG  
NNNN

WBB/WB6LPG

-----

Date: Tue, 26 Nov 1996 21:29:07 -0600  
From: Paul Stump <n01rf@computer-services.com>  
To: aprssig@tapr.org  
Subject: Re: RG 316?  
Message-ID: <1.5.4.16.19961126212637.1b37ade2@computer-services.com>

>I am looking for RG 178 or RG 316  
>for use with the MCX

A few months ago I bought a spool of RG 316U. I'd be glad to sell some at cost plus shipping. I'll check, but I think it was about 90 cents per foot. I think I've got a few extra straight MCX connectors too.

I'll never use up 100 feet myself...  
73, Paul, n01rf@computer-services.com

-----

Date: Tue, 26 Nov 1996 22:43:04 -0500  
From: Doug Wittich <dwittich@concentric.net>  
To: aprssig@tapr.org  
Subject: Re: NTS traffic via APRS  
Message-ID: <1.5.4.32.19961127034304.006e4cd8@pop3.concentric.net>

At 11:23 AM 11/26/96 -0600, you wrote:  
>Please pass along the NTS idea to the fellow in your club that asked for  
>it. His request is what encouraged me into action...



>

I let him know last evening about the prototype code we saw here. He's the fellow that wrote the book I passed along to you, and he came up with the mod for the callsigns in sent/rcvd blocks.

He is quite the traffic handler, regularly scoring 120 or better PSHR every month.

With the upcoming activity we're hoping for with Skywarn, it's a welcome addition.

We're grateful that you're considering the idea.

Doug

-----

Date: Tue, 26 Nov 1996 21:58:19 -0600  
From: "Leslie H. Loftin" <lhl@flash.net>  
To: aprssig@tapr.org  
Subject: Re: Magellan 3000, Data Connection  
Message-ID: <329BBC5A.39E7@flash.net>

Philip and others needing Magellan 3000 information.  
Contact Craig Green (N5WEH) at  
stauros@onramp.net

Craig has put together an effective interface for the Magellan 3000 and is quite knowledgeable about the Magellan series of GPS receivers. This is posted with his permission.

Les (WD5BYQ)

-----

End of APRSSIG Digest 783  
\*\*\*\*\*

From aprssig@tapr.org Wed Nov 27 21:33:43 1996

Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1649 ; Wed, 27 Nov 96 21:04:18 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id XAA23245; Wed, 27 Nov 1996 23:02:11 -0600  
(CST)  
Date: Wed, 27 Nov 1996 23:02:11 -0600 (CST)  
Message-Id: <199611280502.XAA23245@tapr.org>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6811] APRSSIG digest 784  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Status: R

#### APRSSIG Digest 784

Topics covered in this issue include:

- 1) Re: MIM Module Problems??  
by SARDUCK@aol.com
- 2) Best Buys Delorme Tripmate  
by "Don Murray" <james-m@ix.netcom>
- 3) Maps from GPS  
by ke6nyt@fishnet.net (Dan Dicke)
- 4) Re: AEA out of business  
by Mike Musick <71301.3106@CompuServe.COM>
- 5) DeLorme Tripmate Power Adaptor  
by K1DE@aol.com
- 6) DeLorme Upgrade Offer  
by Larry Griffin <largriff@swta.com>
- 7) Re: DeLorme Tripmate Power Adaptor  
by "Larry P. Thomas WA0GWA" <lpthomas@winning-edge.com>
- 8) Re: APRS/java  
by schiers@ames.net
- 9) Re: AEA out of business  
by "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>
- 10) Re: PARS Documentation  
by schiers@ames.net
- 11) Re: MCX connector source?

by Gerald J Creager <gerry@cs.tamu.edu>  
12) Re: MIM Module Problems??  
by Bob Bruninga <bruninga@nadn.navy.mil>  
13) Re: APRS/java  
by Steve Dimse <sdimse@bridge.net>  
14) Re: MIM Module Problems??  
by jkozak@aerols.com (John W. Kozak)  
15) Re: JAVA/Aprs  
by Alan Crosswell <alan@watsun.cc.columbia.edu>  
16) Re: Linux and APRS  
by Mark Sproul <sproul@ap.org>  
17) GARMIN GPS TRAKPAK 31  
by "Bryan Fair" <brfair@flash.net>  
18) Re: APRS in Dec. Issue of 73  
by Arte Booten <N2ZRC@gnn.com>  
19) Re: GARMIN GPS TRAKPAK 31  
by clark@omcat.gsfc.nasa.gov (Tom Clark -- W3IWI)  
20) javAPRS Update  
by Steve Dimse <sdimse@bridge.net>  
21) Re: AEA out of business  
by rwhart@ix.netcom.com (Roderick W. Hart)  
22) Re: Linux and APRS  
by rbeckett@Schwab.COM  
23) Re: AEA out of business  
by n2czf@magg.net  
24) APRS D/FW  
by Rich Casey <casey@acm.org>  
25) Re: JAVA/Aprs  
by Geoff Peacock <geoff@maf.mobile.al.us>  
26) Re: Linux and APRS  
by joefoor@digitalexp.com (Foor, Joe)  
27) Re: JAVA/Aprs  
by joefoor@digitalexp.com (Foor, Joe)  
28) Re: DeLorme Tripmate Power Adaptor  
by "Eric A. Cottrell" <eac@shore.net>  
29) Re: APRS in Dec. Issue of 73  
by Bob Bruninga <bruninga@nadn.navy.mil>

---

Date: Tue, 26 Nov 1996 23:57:41 -0500  
From: SARDUCK@aol.com  
To: aprssig@tapr.org

Subject: Re: MIM Module Problems??

Message-ID: <961126235741\_1084405967@aemout18.mail.aol.com>

I have two kits while bought last summer, ive had no time to do.... after studying the instructions i was lost on a box to use till i saw Bob's display (pretty neat btw, if u can get to see it - just watch out for the nails in the back : anti-swip devices i think)  
standard hobby box from RS is fine... well if ive got bad eproms i do not need to spend \$20 for a replacement. two thoughts cross my mind -

first, arent EPROMS reprogrammable.... seems simple. if it's too much more complicated then that well ...

second, the clerks office only charges \$15 to file a small claims suit and imagine that!- when under \$2500 these suits can be served by first class mail....

but anyway, why wouldnt reprograming work???

Good Turkey (if not chips) to all!!

Dan Ka. / Chicago!

In a message dated 96-11-26 19:43:39 EST, you write:

<< hanks for your response. talked with clement enginnering and he advised me

that my problems are due to me having an earlier version eeprom with those particular bugs. now i have to send in an additional \$20.00 to get the newest version eeprom that fixes the MIM module that will never work right until that chip is replaced. oh well, what else can one do? ordered my new

eeprom today and look forward to getting it all working correctly soon.

hope

there aren't any "more" bugs that we have to pay an additional \$20 to get fixed.

thanks again.

Mike AC6JA

>>

-----  
Date: Wed, 27 Nov 1996 01:12:03 -0500  
From: "Don Murray" <james-m@ix.netcom>  
To: <aprssig@tapr.org>  
Subject: Best Buys Delorme Tripmate  
Message-ID: <199611270612.WAA19179@dfw-ix3.ix.netcom.com>

Hello

For those that are interested, Best Buys the computer store has the Delorme Tripmate GPS units for \$164.99. Or I should say the Store in Savannah Georgia has them for this price, suspect the price would be the same nationwide..

Don

-----  
Date: Wed, 27 Nov 1996 00:00:34 -0800  
From: ke6nyta@fishnet.net (Dan Dicke)  
To: aprssig@tapr.org  
Subject: Maps from GPS  
Message-ID: <199611270800.AAA19041@big.fishnet.net>

OK guys and gals,

Obviously I am doing something wrong. I am using my GPS and a route, setting it to active, setting my speed to 60 mph. I am not seeing more than one position change on the map each time I try this. I look in my tk262217.hst file and I get about three or four entries and that is it.

What are the secret handshake buttons to push/set to be able to bring a route from my GPS, run it hooked up to APRS, and then go in and edit the map using mapfix27???? I am trying to learn how to make these maps for Ventura California for our ARES/RACES to get APRS going.

Oh by the way Bob and gang, The Vandenburg Search and Rescue Symposium was a great hit and about 6 main ARES/RACES players in Santa Barbara County, and the Lompoc area have started to learn APRS, sending in there Registrations, and are buying GPS's to get that county up and running. We are still hoping to connect the great bunch in San Diego County and LA County to Ventura and Santa Barbara County with wides so that the west coast can get on the ball.

Again thanks for all the help thus far, now if we can get this GPS/Mapping down we can really get going.

Sincerely,

Dan Dicke

KE6NYT

KE6NYT@FISHNET.NET

Ventura County ARES/RACES Packet Coordinator

Assistant Emergency Coordinator Oxnard, Point Mugu, Port Hueneme

-----

Date: 27 Nov 96 01:55:58 EST

From: Mike Musick <71301.3106@CompuServe.COM>

To: <aprssig@tapr.org>

Subject: Re: AEA out of business

Message-ID: <961127065557\_71301.3106\_FHJ26-2@CompuServe.COM>

It's true. While "the doors are open", it's only the owners trying to wring the last dollars out of the standing inventory. Manufacturing was shut down weeks ago, and all the hired help has been laid off.

This is on very reliable authority - my wife and I have a good friend who is in the surplus electronics business, and their company was approached by AEA three weeks ago regarding a "buy" of the inventory. (No deal - price wasn't right.)

If, as an end-user, you call and ask AEA they'll paint the illusion that everything's o.k. - but it's not. They have a vested interest in keeping the news positive so as to stave off the fire-sale pricing as long as they can.

...mike/N0QBF

71301.3106@compuserve.com

-----

Date: Wed, 27 Nov 1996 07:03:28 -0500  
From: K1DE@aol.com  
To: aprssig@tapr.org  
Subject: DeLorme Tripmate Power Adaptor  
Message-ID: <961127070328\_1616615870@aemout07.mail.aol.com>

I called DeLorme yesterday to order a Power Adaptor. They said that they won't be available until mid December. 15 hours of battery power doesn't get it, and I don't care what the Energizer Bunny says.

73, John

-----  
Date: Wed, 27 Nov 1996 07:14:25 -0600  
From: Larry Griffin <largriff@swta.com>  
To: "'aprssig@tapr.org'" <aprssig@tapr.org>  
Subject: DeLorme Upgrade Offer  
Message-ID: <01BBDC32.9F92E3A0@red179.onramp.net>

I just got my DeLorme \$125 upgrade offer for the TripMate Monday. They also offer Street Atlas USA 4.0 for \$25. And another interesting program called 3-D Explorer USA for \$19.

I was beginning to think they had forgotten the fact that I originally spent over \$400 for MapExpert and GPS software, with features that are all now available in the \$25 Street Atlas 4.0! Sheesh! I guess that's the cost of being on the bleeding edge! :-)

In short though, this is an incredible offer for some excellent packages!

Larry Griffin

-----  
Date: Wed, 27 Nov 1996 07:23:50 -0600  
From: "Larry P. Thomas WA0GWA" <lpthomas@winning-edge.com>  
To: aprssig@tapr.org  
Subject: Re: DeLorme Tripmate Power Adaptor

Message-ID: <2.2.32.19961127132350.00761ec0@winning-edge.com>

At 06:07 AM 11/27/96 -0600, you wrote:

>I called DeLorme yesterday to order a Power Adaptor. They said that they  
>won't be available until mid December. 15 hours of battery power dosen't  
get

>it, and I don't care what the Energizer Bunny says.

If a Power Adaptor can be bought it can also be built. I would guess that  
one of the DB-9 pins will power the Tripmate's internal electronics ... does  
anyone know which one.

I

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-----  
Larry P. Thomas wa0gwa          voice : 1 913 888-0282  
Krell Technologies              fax : 1 913 782-9359  
8960 Bond                       pager : 1 816 989-HELP  
Overland Park, KS 66214-1764    e-mail : lpthomas@winning-edge.com  
-----
```

```
-----  
Date: Wed, 27 Nov 96 09:29:15 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: APRS/java  
Message-ID: <199611271534.JAA18500@tapr.org>
```

In <908588@bbs.ames.net>, on 11/26/96 at 09:21 PM,  
aprssig@tapr.org said:

> REMYMSG 19TH on javAPRS active APRS MAPS and Win3.11..

I am having LOTS of trouble with the aprs/java sites. I  
am testing Netscape/2 (for OS/2) beta 2, just released. Bob's site is very  
slow to respond to me and I have been unable to  
see anything, other than the opening menu. DSY's site is much faster, and  
while everything loads and looks like it works,  
I never see a map.

On the other hand, when I visit KL7J's java enabled site, all the java  
stuff works great. (This is a very impressive URL, if you have never  
visited it.) Doesn't require JAVA, but if you have it, the display is



quite something, especially page 2.

The URL is: <http://www.alaska.net/~buchholz>

A gold mine of ham radio info and resources.

73,

hasan schiers, N0AN

-----  
schiers@ames.net  
-----

-----  
  
Date: Wed, 27 Nov 1996 08:37:00 -0800 (PST)  
From: "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>  
To: aprssig <aprssig@tapr.org>  
Subject: Re: AEA out of business  
Message-ID: <329C5E83@gismtpgate.gi.com>

Pity.

I guess this means I'll never get the PSK modem upgrade to the DSP232 that they said it already had when I bought it...

-----  
From: aprssig  
To: aprssig  
Subject: [APRSSIG:6786] Re: AEA out of business  
Date: Wednesday, November 27, 1996 1:05AM

It's true. While "the doors are open", it's only the owners trying to wring the last dollars out of the standing inventory. Manufacturing was shut down weeks ago, and all the hired help has been laid off.

This is on very reliable authority - my wife and I have a good friend who is in the surplus electronics business, and their company was approached by AEA three weeks ago regarding a "buy" of the inventory. (No deal - price wasn't

right.)

If, as an end-user, you call and ask AEA they'll paint the illusion that everything's o.k. - but it's not. They have a vested interest in keeping the news positive so as to stave off the fire-sale pricing as long as they can.

...mike/N0QBF  
71301.3106@compuserve.com

-----

Date: Wed, 27 Nov 96 09:45:00 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: PARS Documentation  
Message-ID: <199611271545.JAA18785@tapr.org>

In <908461@bbs.ames.net>, on 11/26/96 at 08:00 PM,  
aprssig@tapr.org said:

>The following paths are NOT considered good practice and should not  
>normally be used... and if you do, some Do-gooder will fuss at you...  
^^^^^^

> WIDE,WIDE,WIDE - Gets you out 3 hops in all directions but also  
results in as many as 27 duplicate packets plus 30 seconds  
of airtime. Dont DO THIS! No one will get through...

Depending on topography and station density, there are those areas where the setting above is "normal". We have been running with w.w.w. for over two years and the system works very well, BUT: station density is low, paths are very sketchy at times, and most paths are quite long.

I guess the locals here don't fall into the "Do-gooder" category, or they would have to fuss at every station in the network. Again, I'm NOT recommending this approach, just indicating that every instance of it does not make a lid. If things EVER stabilize here in terms of long-term committment, wide coverage digis, etc., I am sure we will move away from it, but I ain't holdin' my breath. 73,

hasan schiers, N0AN

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schiers@ames.net

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Date: Wed, 27 Nov 1996 10:22:20 -0600 (CST)  
From: Gerald J Creager <gerry@cs.tamu.edu>  
To: aprssig@tapr.org  
Subject: Re: MCX connector source?  
Message-ID: <199611271622.KAA01431@solar.cs.tamu.edu>

I think I saw that Digikey is handling MCX series connectors in the EF Johnson connector line.

--

Gerry Creager N5JXS  
Research Assistant, Mapping Sciences Laboratory, Texas A&M University  
n5jxs@tamu.edu gerry@rsgis3.tamu.edu  
409.845.9425  
"Not an Official Document of Texas A&M or the Mapping Sciences laboratory"

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Date: Wed, 27 Nov 1996 11:54:37 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: MIM Module Problems??  
Message-ID: <Pine.GS0.3.95.961127111157.13867B-100000@arctic>

On Tue, 26 Nov 1996 someone wrote:

> that my problems are due to me having an earlier version eeprom with those  
> particular bugs. now i have to send in an additional \$20.00 to get the  
> newest version eeprom that fixes these MIM bugs...

APRSdos REPLY/COMMENT: I started to write a long explanation, but just erased it all to offer just the following:

For now, Will has been un-employed (with a 6 member family) for almost 6 months hoping to build the APRS MIM and MIC-E into a viable business. The MIMs are one time programmable chips. So far he is thousands of \$\$\$ of

his own savings in the red. If he has to give it up and go get a real job, then you can kiss the MIM and the MIC-E goodbye.

He is doing everything he can to give us the MIM and the MIC-E, but some of the newer NMEA formats by some of the GPS manufacturers confuses some of the early MIM chips. He only has a few different GPS units to test with, and the MIM's worked perfectly with these...

So please bear with him and consider that it does take him time and effort and new chips to respond to some of these unique problems.

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Wed, 27 Nov 96 12:36:02 -0500  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tapr.org>  
Subject: Re: APRS/java  
Message-ID: <199611271736.MAA14368@newworld.bridge.net>

>I am having LOTS of trouble with the aprs/java sites. I  
>am testing Netscape/2 (for OS/2) beta 2, just released. Bob's site is very  
>slow to respond to me and I have been unable to  
>see anything, other than the opening menu. DSY's site is much faster, and  
>while everything loads and looks like it works,  
>I never see a map.  
>

The beta versions of Netscape are always full of bugs, and the betas involving Java are especially bad. It turns out that so far Java is far from the ideal cross-platform tool, as versions for different OSs seem to have different problems. That's the price for being on the cutting edge.

One thing that I have seen as a problem is that Netscape's caching mechanism seems to cause errors. Go to some non-java page, then use the clear cache now button in the network options dialog box, then go to the java page. That may help.

Other than that, just tough it out and wait for beta 3!

Steve K4HG  
sdimse@bridge.net

-----  
Date: Wed, 27 Nov 1996 13:23:18 -0500 (EST)  
From: jkozak@erols.com (John W. Kozak)  
To: aprssig@tapr.org  
Subject: Re: MIM Module Problems??  
Message-ID: <199611271823.NAA19986@smtp2.erols.com>

>On Tue, 26 Nov 1996 someone wrote:

>

>> that my problems are due to me having an earlier version eeprom with those

>> particular bugs. now i have to send in an additional \$20.00 to get the

>> newest version eeprom that fixes these MIM bugs...

>

>APRSdos REPLY/COMMENT: I started to write a long explanation, but just  
>erased it all to offer just the following:

>

>For now, Will has been un-employed (with a 6 member family) for almost 6  
>months hoping to build the APRS MIM and MIC-E into a viable business. The  
>MIMs are one time programmable chips. So far he is thousands of \$\$\$ of  
>his own savings in the red. If he has to give it up and go get a real  
>job, then you can kiss the MIM and the MIC-E goodbye.

>

Well put Bob. I don't think that most people comprehend that it sometimes takes more time and effort to make a "Simple" circuit perform assigned tasks than a more complex circuit. They are probably also unaware that the program is actually burned into the microprocessor chip itself, making the whole thing useless if the program needs to be changed.

Keep up the good work guys!

John Kozak; N3AGG  
jkozak@erols.com

-----  
Date: Wed, 27 Nov 96 13:24:00 EST  
From: Alan Crosswell <alan@watsun.cc.columbia.edu>

To: aprssig@tapr.org  
Subject: Re: JAVA/Aprs  
Message-ID: <CMM.0.90.4.849119040.alan@manila.cc.columbia.edu>

"William B. Bliss/WB6LPG" <wbliss@coastside.net> wrote:

>Thanks to Marley & Hasan, who advised I have to again support  
>Mr. B Gates and his monopoly (He has enough money now). To  
>run javAPRS you gotta have WINDOWS 95.. The time of the year  
>to say Bah Humbug to that...

If your hardware is capable of running Windows 95, it is also capable of running Linux, which is free, and is The One True Operating System (see <http://www.cc.columbia.edu/acis/sy/dilbert-unix.gif>). And Linux Netscape runs Java. You can also install the Java Development Kit (free), run appletviewer, develop your own java apps, run your own web server (free at [apache.org](http://apache.org)), etc. Using the Linux AX.25 code (free) you can even run one of those nifty live Java things like the ones that folks are running on OS/2, etc. I'll be uploading one for Linux AX.25 shortly. Have tested it with a TNC-2 and Baycom so far. Hopefully I'll get the time over the loooong weekend to finish it off.

All you have to give up is all those horribly useful commercial apps like spreadsheets, wordprocessors, bill-paying, etc.:-) (Actually, you can dual boot between Linux and whatever so your children can still run Lion King Activity Center and Mixed Up Mother Goose.)

See <http://sunsite.unc.edu/pub/Linux> (especially the HAM and AX25 HOWTO's). When I say Linux is free, that of course assumes you don't mind FTPing and copying 50-100 floppies. You can buy CDROMs of it too but what you are paying for is the CDROM vendor's efforts, not a license for the software (which is free).

Just pointing out that if you are up for a computing adventure that will suck down hundreds of hours of your time, you can avoid supporting Bill Gates.

73 de Alan N2YGK

-----

Date: Wed, 27 Nov 1996 14:25:28 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Subject: Re: Linux and APRS  
Message-ID: <v03007805aec2440bc966a[165.1.27.20]>

>See <http://sunsite.unc.edu/pub/Linux> (especially the HAM and AX25  
>HOWTO's). When I say Linux is free, that of course assumes you don't  
>mind FTPing and copying 50-100 floppies. You can buy CDROMs of it  
>too but what you are paying for is the CDROM vendor's efforts, not  
>a license for the software (which is free).

>

>Just pointing out that if you are up for a computing adventure that  
>will suck down hundreds of hours of your time, you can avoid  
>supporting Bill Gates.

For those thinking about Linux, as I have stated before, we ARE working on X-APRS which will be APRS for X-Windows. For those that don't know, X-Windows is the GUI (Graphical User Interface) for Unix. X-Windows runs just fine on Linux. X-APRS will be the SAME code as MacAPRS and WinAPRS so you can be assured of compatibility and a feature rich system. We HOPE (this is NOT a promise) to have X-APRS ready to ship by Datyon.

When we release X-APRS we will be releasing for three platforms

Linux on PowerMacintosh  
Linux on Intel PCs  
Unix on Sun Sparc

We WILL add more as the requests and resources become available.

Mark Sproul

---

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
<a href="http://msproul.rutgers.edu/">http://msproul.rutgers.edu/</a>	

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Date: Wed, 27 Nov 1996 14:34:49 -0600  
From: "Bryan Fair" <brfair@flash.net>  
To: <aprssig@tapr.org>  
Subject: GARMIN GPS TRAKPAK 31  
Message-ID: <199611272034.0AA21495@endeavor>

I ran across a decent deal the other day, So I figured I would post it.....

WEST MARINE SELLS a Garmin gps TRAKPAK  
Which is a computer mouse sized Mag mount creature with a pig tail like a mouse.  
It is about \$220  
It has the same 8CH parallel RXCV as the GPS 20,38,40  
It is a sealed unit that can be magmounted  
They also sell the marine DGPS RXCV  
There is also some new kind of moving map attachment for the gps RXCVs  
They also sell some WX stations  
They do buisness both mail order, Online, and in person  
there is one in Dallas and several in other cities nation wide  
TRY the web site also at  
<http://www.westmarine.com>

73s  
!3232.01N09720.01W/Burleson TX

-----  
Date: Wed, 27 Nov 1996 15:58:23  
From: Arte Booten <N2ZRC@gnn.com>  
To: aprssig@tapr.org  
Subject: Re: APRS in Dec. Issue of 73  
Message-ID: <199611272057.PAA06529@mail-e2b.gnn.com>

Hi All,

On Tue, 26 Nov 1996 Geoffrey Dick pointed out:



>Bob Bruninga has an 8 page article featured in it, beginning  
>page 10, with lots of illustrations.

Yeah, neat article but how come I've never seen those  
"SKYWARN", "DIGIPEATER" or "DX SPOTS" legends running across my  
screen? Is this some hidden, undocumented feature of APRS Bob  
hasn't told us about?! ;-{) 73

Arte Booten <N2ZRC@gnn.com>  
(Packet Radio: N2ZRCaKB2VLX.#BRONX.NY.USA.NA)  
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

-----

Date: Wed, 27 Nov 96 21:05:05 UTC  
From: clark@atomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)  
To: aprssig@tapr.org  
Subject: Re: GARMIN GPS TRAKPAK 31  
Message-ID: <9730@atomcat.gsfc.nasa.gov>

Brian Fair sed:

> It has the same 8CH parallel RXCV as the GPS 20,38,40

Not quite. First, it is a SEQUENTIAL receiver, like the 20/38/40

It's not like the '20 because you can't get the precise timing pulses  
from the receiver and some of us are finding that to be useful/important.  
[I believe it IS a 20 inside the box. But you have to break the sealed  
case open to get to it].

It's not like the 38/40 because it has no display, no waypoints, no  
track log, etc.

73, Tom

-----  
Date: Wed, 27 Nov 96 16:27:54 -0500  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tapr.org>  
Subject: javAPRS Update  
Message-ID: <199611272127.QAA10044@newworld.bridge.net>

I have put version 1.0 of javAPRS on the TAPR ftp site. All sites using javAPRS should upgrade.

<ftp://ftp.tapr.org/tapr/SIG/aprssig/files/javastuff/javaprs.zip>

This version greatly improves on the handling of TIGER maps. Most importantly, one can zoom and scroll around on a dos map (which is fast) to get the view one wants, then hit 'T' to get the map turned into a TIGER map...you don't have to wait 15 or 20 seconds for a new tiger map each time you zoom or scroll.

You still need to run javAPRS with the applet runner or through a server that supports map relay, and the tiger maps are not well calibrated at large scales.

The new version also corrects some parsing errors, most notably with the new lower case weather format.

An updated users guide is also provided in the zip file, or can be read at:

<http://www.bridge.net/~sdimse/javAPRSprog.html>

Thanks everyone for all the input you have provided to improve javAPRS. I need to put it aside for a while so that I can get APRServe working, a java program to link a variety of different live TNC sites.

I will fix any bugs that are found, but no new features for a while. If you have ideas feel free to let me know, but don't be surprised if I don't act on it for a while.

Steve K4HG

-----

Date: Wed, 27 Nov 96 22:09:43 GMT  
From: rwhartaix.netcom.com (Roderick W. Hart)  
To: aprssig@tapr.org  
Subject: Re: AEA out of business  
Message-ID: <M.112796.170943.38@col-md4-13.ix.netcom.com>

THE PACSAT BPSK 1200 BAUD MODEM IS IN THE FIRMWARE I RECEIVE TWO DAYS AGO.  
IT  
LOOKS LIKE THE CONCENTRATED ON GETTING THE TNC TO MEET ORIGINAL SPECS. ALL  
OF  
THE MODEMS THAT WERE PROMISED SEEMS TO BE THERE.

11/27/96 10:42AM, in message <329C5E83@gismtpgate.gi.com>, "Borcher, David  
(NG-MS)" <DBORCHER@nogmail.gi.com> wrote:

> Return-Path: <aprssig@tapr.org>  
> Received: from tapr.org (tapr.org [204.17.217.20]) by  
ixmail3.ix.netcom.com  
> (8.7.5/SMI-4.1/Netcom)  
> id IAA01530; Wed, 27 Nov 1996 08:37:10 -0800 (PST)  
> Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9)  
> with SMTP id JAA18734; Wed, 27 Nov 1996 09:42:34 -0600 (CST)  
> Date: Wed, 27 Nov 1996 09:42:34 -0600 (CST)  
> Message-Id: <329C5E83@gismtpgate.gi.com>  
> Reply-To: aprssig@tapr.org  
> Originator: aprssig@tapr.org  
> Sender: aprssig@tapr.org  
> Precedence: bulk  
> From: "Borcher, David (NG-MS)" <DBORCHER@nogmail.gi.com>  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6791] Re: AEA out of business  
> X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
> X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
> X-Mailer: Microsoft Mail V3.0  
>  
>  
> Pity.  
> I guess this means I'll never get the PSK modem upgrade to the  
> DSP232 that they said it already had when I bought it...  
> -----  
> From: aprssig

> To: aprssig  
> Subject: [APRSSIG:6786] Re: AEA out of business  
> Date: Wednesday, November 27, 1996 1:05AM  
>  
> It's true. While "the doors are open", it's only the owners trying to  
wring  
> the  
> last dollars out of the standing inventory. Manufacturing was shut down  
> weeks  
> ago, and all the hired help has been laid off.  
>  
> This is on very reliable authority - my wife and I have a good friend who  
is  
> in  
> the surplus electronics business, and their company was approached by AEA  
> three  
> weeks ago regarding a "buy" of the inventory. (No deal - price wasn't  
> right.)  
>  
> If, as an end-user, you call and ask AEA they'll paint the illusion that  
> everything's o.k. - but it's not. They have a vested interest in keeping  
the  
> news positive so as to stave off the fire-sale pricing as long as they  
can.  
>  
> ...mike/N0QBF  
> 71301.3106@compuserve.com  
>  
>

--

Roderick W. Hart  
Amateur Radio Station WA3MEZ

-----  
  
Date: Wed, 27 Nov 1996 14:12:00 +0000  
From: rbeckettaSchwab.COM  
To: aprssig@tapr.org  
Subject: Re: Linux and APRS  
Message-ID: <9611272211.AA08502@sv0001dev.dev.schwab.com>

> When we release X-APRS we will be releasing for three platforms

>

> Linux on PowerMacintosh

> Linux on Intel PCs

> Unix on Sun Sparc

>

> We WILL add more as the requests and resources become available.

>

> Mark Sproul

>

> -----

> Mark Sproul |Amateur Radio: KB2ICI

> Software Engineer @ Assoc Press |

> sproul@ap.org |Work: 609-860-7120

> North Brunswick, NJ |Fax: 609-860-7129

> <http://msproul.rutgers.edu/>

> -----

>

I hope you will also be releasing to the SUn x86 platform. That currently is Solaris 2.5.1 running on an Intel platform. I'd be happy to participate in beta on that one.

73 - Rich WB6EEE

>

>

Rich

(415) 636-8340 - work

(510) 521-1559 - Beckett & Associates Office

-----

Date: Wed, 27 Nov 1996 17:13:52 -0500

From: n2czf@magg.net

To: aprssig@tapr.org

Subject: Re: AEA out of business

Message-ID: <199611272213.RAA24640@grumpy.magg.net>

Don't know who you are calling but as far as being told that everything is

OK I find that hard to believe. I called yesterday to try to get a final EEPROM upgrade for my PK-900 and I get voice mail saying that AEA is selling their lines and are no longer in business! Please call the ARRL (why the ARRL??) in a month or two if you have any service problems! If you have a direct extension to dial please enter it now.

Please give me the number that you are calling!! I will be more than happy to give them a order (COD of course!) and take one of those EEPROMs off of their hands.

>It's true. While "the doors are open", it's only the owners trying to wring the

>last dollars out of the standing inventory. Manufacturing was shut down weeks

>ago, and all the hired help has been laid off.

>

>This is on very reliable authority - my wife and I have a good friend who is in

>the surplus electronics business, and their company was approached by AEA three

>weeks ago regarding a "buy" of the inventory. (No deal - price wasn't right.)

>

>If, as an end-user, you call and ask AEA they'll paint the illusion that >everything's o.k. - but it's not. They have a vested interest in keeping the

>news positive so as to stave off the fire-sale pricing as long as they can.

>

> ...mike/N0QBF

> 71301.3106@compuserve.com

>

>

-----

Date: Wed, 27 Nov 1996 17:52:15 -0500

From: Rich Casey <casey@acm.org>

To: aprssig@tapr.org

Subject: APRS D/FW

Message-ID: <329CC61F.C11@acm.org>

FYI:

I've set up an unofficial home page and started a user list for the Dallas/Fort Worth area APRS users at:

<http://www.starttext.net/homes/rcasey/aprs.htm>

Not much but it's a start...

73, Rich

--

Rich Casey, Dallas TX	Member: ARRL, AMSAT, ACM, TAPR
casey@acm.org	Ham Radio N5CSU
<a href="http://www.starttext.net/homes/rcasey">http://www.starttext.net/homes/rcasey</a>	Think globally, connect locally

-----

Date: Wed, 27 Nov 1996 18:51:48 -0600 (CST)  
From: Geoff Peacock <[geoff@maf.mobile.al.us](mailto:geoff@maf.mobile.al.us)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Re: JAVA/Aprs  
Message-ID: <Pine.SOL.3.91.961127184606.23352A-100000@ans1>

On Wed, 27 Nov 1996, Alan Crosswell wrote:

>

> If your hardware is capable of running Windows 95, it is also capable  
> of running Linux, which is free, and is The One True Operating System  
> (see <http://www.cc.columbia.edu/acis/sy/dilbert-unix.gif>). And Linux  
> Netscape runs Java. You can also install the Java Development Kit

>

> All you have to give up is all those horribly useful commercial apps  
> like spreadsheets, wordprocessors, bill-paying, etc.:-) (Actually, you  
> can dual boot between Linux and whatever so your children can still  
> run Lion King Activity Center and Mixed Up Mother Goose.)

Well there are linux spreadsheets, wordprocessors (Caldera offers WordPerfect) and even checkbook programs. They might not have all the WinDoze bells and whistles, but who really uses them. When have you really needed anything more than WordStar, or maybe WP50

>

> Just pointing out that if you are up for a computing adventure that  
> will suck down hundreds of hours of your time, you can avoid  
> supporting Bill Gates.

Isn't \_that\_ worth a few hundred hours of learning the ultimate operating  
system ?

KD4G0E

Geoff Peacock

Mobile Area Free-Net, Inc.

'''

(o o)

o00\_\_ ( ) \_\_00o

-

geoffamaf.mobile.al.us

(334) 405-4600

-----  
Date: Wed, 27 Nov 1996 18:53:58 -0600

From: joefooradigitalexp.com (Foor, Joe)

To: aprssig@tapr.org

Subject: Re: Linux and APRS

Message-ID: <19961128005350064.AAD182@dial-21.marianna.fl.digitalexp.net>

>X-APRS will be the SAME code as MacAPRS and WinAPRS so

>you can be assured of compatibility and a feature rich system.

Excellent, maybe I'll find a use for those \$100 worth of linux and unix  
books after all.

Does that mean a WinAPRS registration will transfer over to X-APRS?

regards,

Joe kf4dys

-----  
Date: Wed, 27 Nov 1996 18:54:00 -0600

From: joefooradigitalexp.com (Foor, Joe)

To: aprssig@tapr.org

Subject: Re: JAVA/Aprs

Message-ID: <19961128005350064.AAE182@dial-21.marianna.fl.digitalexp.net>



>All you have to give up is all those horribly useful commercial apps  
>like spreadsheets, wordprocessors, bill-paying, etc.:-) (Actually, you  
>can dual boot between Linux and whatever so your children can still  
>run Lion King Activity Center and Mixed Up Mother Goose.)

Strange, according to the documents, DosEMU will run my WordPerfect 5.1 and  
the Slackware release contains a spreadsheet...

I'm just waiting for X-APRS, before diving in.

regards,  
Joe kf4dys

-----

Date: Wed, 27 Nov 1996 20:58:50 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: lpthomas@winning-edge.com  
Subject: Re: DeLorme Tripmate Power Adaptor  
Message-ID: <849146330-0-eac@shore.net>

Hello,

It looks like the pin used for RI goes to the center pin of the three pin  
power plug on the board.  
Do not feed 12 Volts into the receiver! The Caps on the DC line are rated  
at 10 volts and the  
DC-DC convertor has a maximum DC input of 11 volts. Someone has used a  
7.2 volt nicad pack  
to power it. I would use 6 volts if possible and not to go over 8 volts.

73 Eric eac@shore.net WB1HBU

-----

Date: Wed, 27 Nov 1996 22:51:56 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: APRS in Dec. Issue of 73  
Message-ID: <Pine.GS0.3.95.961127225102.29097B-100000@arctic>

On Wed, 27 Nov 1996, Arte Booten wrote:

```
>      Yeah, neat article but how come I've never seen those
> "SKYWARN", "DIGIPEATER" or "DX SPOTS" legends running across my
> screen? Is this some hidden, undocumented feature of APRS Bob
> hasn't told us about?!    ;-{)    73
```

APRSDOS REPLY/COMMENT: Used PRINTSCREEN key and then brought up windows paintbrush to doctor up the captured APRS screen... hi hi

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

End of APRSSIG Digest 784

\*\*\*\*\*

From [aprssig@tapr.org](mailto:aprssig@tapr.org) Thu Nov 28 21:22:56 1996

Received: from [tapr.org](mailto:tapr.org) by [n7rig.ampr.org](mailto:n7rig.ampr.org) (JNOS1.10h) with SMTP  
id AA1665 ; Thu, 28 Nov 96 21:06:05 UTC

Received: from [tapr.org](mailto:tapr.org) (localhost [127.0.0.1]) by [tapr.org](mailto:tapr.org)  
(8.7.5/8.7.3/1.9) with SMTP id XAA22183; Thu, 28 Nov 1996 23:02:32 -0600  
(CST)

Date: Thu, 28 Nov 1996 23:02:32 -0600 (CST)

Message-Id: <199611290502.XAA22183@tapr.org>

Reply-To: [aprssig@tapr.org](mailto:aprssig@tapr.org)

Originator: [aprssig@tapr.org](mailto:aprssig@tapr.org)

Sender: [aprssig@tapr.org](mailto:aprssig@tapr.org)

Precedence: bulk

From: [aprssig@tapr.org](mailto:aprssig@tapr.org)

To: [aprssig@tapr.org](mailto:aprssig@tapr.org)

Subject: [APRSSIG:6823] APRSSIG digest 785

X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas

X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group

Status: R

APRSSIG Digest 785

Topics covered in this issue include:

- 1) Re: GARMIN GPS TRAKPAK 31  
by rwf@mindspring.com
- 2) Re: Monitoring mobiles (cars) on earths  
by "Tom Clark (W3IWI)" <clark@tomcat.gsfc.nasa.gov>
- 3) Today....  
by Jim Duncan <ku0g@sprynet.com>
- 4) Happy Thanksgiving  
by "Alan K. Unangst" <alanwc7r@primenet.com>
- 5) Tucker Electronics  
by Joe Scalet <jscalet@sound.net>
- 6) Re: Tucker Electronics  
by Doug Wittich <dwittich@concentric.net>
- 7) Re: Tucker Electronics  
by David Eaton <deeaton@gte.net>
- 8) Re: Tucker Electronics  
by kb6lfm <kb6lfm@ix.netcom.com>
- 9)  
by laing@upanet.cc.uleth.ca (Laing William)
- 10) (FWD) Intro to APRS  
by Arte Booten <N2ZRC@gnn.com>
- 11) Re: Tucker Electronics  
by "Richard F. Garcia" <n2czf@magg.net>
- 12) Re: Today....  
by Paul Stump <n01rfa@computer-services.com>

-----  
Date: Thu, 28 Nov 1996 01:05:40 -0500  
From: rwf@mindspring.com  
To: aprssig@tapr.org  
Subject: Re: GARMIN GPS TRAKPAK 31  
Message-ID: <3.0.32.19961128005332.006f0070@mindspring.com>

At 02:41 PM 11/27/96 -0600, Bryan wrote:  
>WEST MARINE SELLS a Garmin gps TRAKPAK  
>Which is a computer mouse sized Mag mount creature with a pig tail like a  
>mouse.  
>It is about \$220  
>It has the same 8CH parallel RXCV as the GPS 20,38,40  
>It is a sealed unit that can be magmounted

There are also Trackpack 35 units made (12 channel)

The 35 has a true parallel receiver- I think the 25 does, too.

There are also Trackpack 35 (and I think 25) PC models, with a 9 pin DB connector.

Compare apples to apples

To the best of my knowledge, (havent thought about this in awhile) the GPS 38 and 40 \*are not 8 channel parallel\*. They are 1 or 2 channel multiplexing.

-----

Date: Thu, 28 Nov 1996 06:17:00 +0000  
From: "Tom Clark (W3IWI)" <clark@tomcat.gsfc.nasa.gov>  
Cc: aprssig@tapr.org  
Subject: Re: Monitoring mobiles (cars) on earths  
Message-ID: <329D2E5C.2457@tomcat.gsfc.nasa.gov>

A. J. deLange wrote:

>

> In article <32973878.6040@apacific.net> Brooke, brooke@apacific.net writes:

> >In answer to all your questions (except #1) check out the ham radio

> >system

> >called "APRS".

>

> Even #1 can be accomodated providing one has access to a differntial

> correction service. For example in the US one can purchase

> a beacon receiver which receives the Coast Guard's differential

> corrections and retransmit the RTCM data through a TNC.

> The users then connect their TNCs to the RTCM input of their

> GPS receivers. A local ham has been transmitting the corrections

> in the Washington, DC area and I have seen him post

> to this group concerning the details (but I haven't seen his

> corrections on the air recently).

>

> AJ

> ajdel@interramp.com

I'm the guilty party AJ is referring to transmitting DGPS signals in the Baltimore/Washington area. My W3IWI-13 amateur packet radio beacon sends out DGPS signals on 145.79 MHz with a 20 second update rate.

The signals are derived at the geodetic GPS site called GODE at the NASA Goddard Geophysical & Astronomical Observatory (GGAO) in Greenbelt MD. GODE is a permanent station in the IGS (International GPS Service for Geodynamics) and hence the position it uses to develop the DGPS is referenced to the ITRF (International Terrestrial Reference Frame) at the cm level. The GODE antenna feeds a multi-port power splitter and the DGPS signals are generated with a commercial Trimble 4000SSE geodetic receiver. The amateur equipment begins at the SSE's RS232 output where conventional amateur practice is used. The DGPS signals are relayed via other amateur stations (called digipeaters) to a coverage area that includes the Chesapeake Bay, most of MD, northern VA, and nearby areas in NJ, PA and DE.

The original thread asked about monitoring the positions of vehicles, and one reply was that you should look at the system developed by Bob Bruninga for amateur work called APRS. You can find out all about amateur digital communications in general and APRS in particular by browsing the TAPR web pages at

<http://www.tapr.org>

Regards, Tom Clark

-----

Date: Thu, 28 Nov 1996 07:27:06 -0800  
From: Jim Duncan <ku0g@sprynet.com>  
To: aprssig@tapr.org  
Subject: Today....  
Message-ID: <199611281527.HAA04253@m1.sprynet.com>

Things I'm thankful for today.....

Bob Bruninga and his ultimate patience...

The Sproul Brothers and their ultimate brain power...

Garmin International and their support of APRS in the Kansas City area...

All my friends/cohortis on both the APRS SIG and in the KC APRS Working Group...

A patient and loving significant other who tolerates my incessant efforts to put a tracker in her Blazer, the hours at the computer playing with APRS and the SIG, running off at all hours of the night to run APRS events for public service, and on and on and on and on and on.....

Happy Thanksgiving Day everyone!!!

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

-----  
Date: Thu, 28 Nov 1996 09:34:49 -0700  
From: "Alan K. Unangst" <alanwc7r@primenet.com>  
To: aprssig@tapr.org  
Subject: Happy Thanksgiving  
Message-ID: <2.2.32.19961128163449.006888d0@mailhost.primenet.com>

A very special Happy Thanksgiving to all my friends on the SIG and their families !

73, Alan

Alan K. Unangst, WC7R  
Phone: (520) 445-1465  
E-mail: alanwc7r@primenet.com  
Amateur Radio Packet: WC7R @ KB7FRV

-----  
Date: Thu, 28 Nov 1996 13:31:19 -0500  
From: Joe Scalet <jscalaet@sound.net>  
To: aprssig@tapr.org  
Subject: Tucker Electronics  
Message-ID: <329DDA77.1F18@sound.net>

A ham on his way through town said that Tucker Electronics had also closed its doors. Any other info ?

-----  
Date: Thu, 28 Nov 1996 15:37:45 -0500  
From: Doug Wittich <dwittich@concentric.net>  
To: aprssig@tapr.org  
Subject: Re: Tucker Electronics  
Message-ID: <1.5.4.32.19961128203745.006edd50@pop3.concentric.net>

At 01:36 PM 11/28/96 -0600, you wrote:  
>A ham on his way through town said that Tucker Electronics had also  
>closed its doors. Any other info ?

They have left the ham radio business, to concentrate on their test equipment. They have sold everything, including their name on some products and presumably their customer list to HRO.

-----  
Date: Thu, 28 Nov 1996 14:43:25 -0800  
From: David Eaton <deeaton@gte.net>  
To: tcombest@gte.net, aprssig@tapr.org  
Subject: Re: Tucker Electronics  
Message-ID: <329E158D.4508@gte.net>

Joe Scalet wrote:  
>  
> A ham on his way through town said that Tucker Electronics had also  
> closed its doors. Any other info ?

-----  
Date: Thu, 28 Nov 1996 12:54:15 -0800  
From: kb6lfm <kb6lfm@ix.netcom.com>  
To: aprssig@tapr.org  
Subject: Re: Tucker Electronics  
Message-ID: <329DFBF6.1F43@ix.netcom.com>

Joe Scalet wrote:

>

> A ham on his way through town said that Tucker Electronics had also  
> closed its doors. Any other info ?

KB6LFM writes:

HR0 has bought Tuckers inventory. Mail-order is operated out of HR0's  
New Hampshire store.

-----

Date: Thu, 28 Nov 1996 13:56:04 -0700  
From: laing@upanet.cc.uleth.ca (Laing William)  
To: aprssig@tapr.org  
Message-ID: <199611282100.PAA03820@tapr.org>

SUBSCRIBE

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Date: Thu, 28 Nov 1996 18:02:06  
From: Arte Booten <N2ZRC@gnn.com>  
To: aprssig@tapr.org  
Subject: (FWD) Intro to APRS  
Message-ID: <199611282302.SAA12825@mail-e2b.gnn.com>

Hi All,

I found this multi-part article on the AX.25 PBBS system.  
Seems to me I recognize much of it as coming straight from  
Bob's README files and a snippet or two from stuff I wrote. I  
don't know about any of you, but I have no problem answering  
APRS questions from interested individuals and resent this per-  
son's "protection." But if it gets more people interested in  
and running APRS I guess I can't complain too much.

-----ARTICLE FOLLOWS-----



>From : KC7LVZ  
To : APRS @ALLUSA  
Type/status : B\$  
Date/time : 26-Nov 08:59  
Bid : WB7VMS2492  
Message # : 16663  
Title : An Intro to APRS Part 1 of 5

## ACKNOWLEDGEMENT

As many of you know, I recently posted a bulletin at ALLUS asking for information on APRS. I expected a few replies, and just enough information to tell me if I wanted to investigate it further. Instead, I received many responses, some of which provided the excellent and comprehensive information I have included here. This article is a summary of the information in those responses that arrived from all over the country. I am especially indebted to those hams that that went to the trouble to provide the history of APRS.

I have deliberately omitted the call signs of those who contributed so that they will not be besieged by requests for more information. Although the list is a lengthy one, I could have included it in this article. I am certainly not trying to take credit from these talented individuals, but feel that their privacy has the highest priority. I have included a bibliography at the end of this article for those of you who want to investigate APRS further. That bibliography was also provided by one of the respondents to my request. To all of you, I extend my most sincere thanks.

Larry Phillips KC7LVZ

## HISTORY

The Amateur Radio Research and Development group (AMRAD) was instrumental in developing the original specification for AX.25 written by Terry Fox, WB4JFI, and published by AMRAD in 1984. In 1978, a member of the AMRAD board of directors built the first digital on-the-air automatic message sys-

tem. It was a dual port phone and packet radio BBS for the AMRAD group when ASCII first became legal in the late 70s.

In 1982, he wrote a data mapping program that took Navy HF position reports off the air for display on an APPLE-II computer. In 1983, he wrote a BBS/GATEWAY program for the VIC-20 computer to permit simultaneous operation of both HF and VHF ports for exchange of packet messages. This was among the first, if not the first, amateur HF BBS/GATEWAYS. It remained on the air continuously for 5 years through 1989 under the FCC STA for automatic packet HF operations. He also pioneered the use of the 200 Hz shift for HF packet operations, and used it with cross-country links to stations in zones 0, 9 and 7.

The idea for an automatic connectionless protocol reporting system was first used in a VIC-20 program for reporting the position and status of horses in a 100 mile cross country endurance run for AMRAD. For the next two years, the idea was developed for amateur packet radio support of the National Disaster Medical System exercises sponsored by FEMA. At the time it was called the Connectionless Emergency Traffic System (CETS). After the second national exercise, the Commodore was dropped, and work began to port CETS to the new IBM PC. Packet mapping was also integrated into the program.

In 1990, all the features that had been incorporated to that point were combined in a single program written in TEXT format, so any ham could draw a map using any ASCII text editor. It was written for the East Coast of the U.S.

While this was going on, another AMRAD member was working on the idea of integrating packet radio with the (then) new Global Positioning System (GPS). The GPS sent latitude and longitude data to the TNC. It was used when midshipmen at the U.S. Naval Academy ran in relays from Annapolis, Maryland to Philadelphia, Pennsylvania for the annual Army-Navy football game. The progress of the runners was tracked through an APRS unit that was installed in a football helmet. Since then, the idea has grown dramatically.

APRS: POSITION THROUGH PACKET

The Automatic Packet Reporting System, or APRS, is a position reporting and plotting system that uses dedicated computer software to extend the capabilities of any packet station. APRS differs from Ax.25 and TCP/IP in that it uses a connectionless protocol. Instead of connecting to another station as you would do in normal packet operations, the APRS software uses your packet station's BEACON function to transmit your location in longitude and latitude coordinates. When you receive APRS transmissions from other stations, their locations are plotted on a map created by the program on your monitor screen, which is why it is also referred to as a Graphics User Interface (GUI) program. Adjacent to each plot is the station's coordinates in latitude and longitude, and an optional brief comment on the station's output power, antenna height, type, and so on, and what type of station it is (base, portable, mobile, weather, etc.). This plotting capability makes APRS a very versatile packet system, allowing the user to participate in many packet activities.

#### JUST THE FACTS, MA'AM

Whenever you send an information packet using the normal AX.25 protocol, the station you're connected to sends back an ACK frame to acknowledge the fact that it just got a packet from you. Whenever that station sends you an information packet, your TNC does the same. That way, the two stations ensure that they are both talking about the same thing at the same time, and the connection is still good. APRS differs from this protocol in that it uses your TNC's BEACON function to generate your position information in UI (unnumbered information) frames in the UNPROTO protocol. This means that the receiving station(s) will not acknowledge your transmission. Thus, if you want to ensure that your APRS transmission is received by a specific station, you must make other arrangements with that station.

An exception to this is when you may wish to use APRS for keyboard-to-keyboard communication with another station. The APRS software offers this option, and it functions in the same way as normal keyboard-to-keyboard connections: ACK frames are generated for each received information packet. As you

might imagine, this would only be necessary when either a new APRS station starts operation, or a APRS station has made changes to the station, and wants to confirm that the changes have not degraded it's performance, or the operators want to exchange some specific information without leaving APRS.

If a station wishes to digipeat the APRS information it receives, the operator can use the ALIAS function of his TNC to select one of three possible APRS digipeater modes: RELAY, WIDE, and GATE. The "default" setting is RELAY, and is used to digipeat APRS data from low power and portable stations. A station with a WIDE setting digipeats to other WIDE stations packets addressed either to its callsign or its "generic" WIDE alias. A GATE station transmits to other GATE stations for crossband digipeating: VHF to HF, HF to VHF, or HF to HF. So, by selecting the alias, you can direct the APRS traffic to "targeted" stations. The advantages of crossband digipeating to and from HF are obvious. Since HF involves skip transmission, APRS information can be sent over large areas. Regional networks in the US have been established that cover many hundreds, if not thousands, of square miles, and have a variety of uses.

## STAYING ON TRACK

With the advent of the Global Positioning System, or GPS, APRS has matured into an accurate and useful means of tracking moving stations in real time. As mentioned above, this concept was used early in the history of APRS to track contestants in a cross-country marathon. Since then, the ability of APRS to decode the NMEA-0183 GPS serial protocol data has allowed hams to track the movements of mobile and portable stations, and locate stations in remote areas.

Locating a transmitter is made easy using DF equipment and APRS. Antenna azimuth readings and signal strengths adjusted for antenna gain are entered into the system via keyboard. The operator can then draw a circle the radius of which is proportional to the signal strength, or use the azimuth and signal strength readings to plot a point on the map. Points are plotted or circles drawn using similar data from other APRS stations. If three or more circles or plots intersect, the

transmitter is close to that intersection. Just the thing for locating a jammer.

APRS can also receive data in real time from weather stations such as those made by Davis and Peet Brothers. The data include wind speed and direction, temperature, hourly and daily rainfall amounts, and sometimes barometric pressure. If the data from enough weather stations is included on an APRS map, a good picture can be made of an area's weather conditions. Obviously, this could come in very handy when the weather turns nasty.

APRS has shown that it can be very useful to participants in the SKYWARN program. By using weather data obtained from APRS, they can provide much more information on storm development, evolution, and movement than they would be able to provide by using the equipment they have on hand at their individual QTH. Better still is the potential ability to track a storm.

By sending mobile APRS/GPS stations out to the periphery of a storm where visual observations can be safely made, the location and movement of many kinds of weather disturbances, including hurricanes, tornadoes, and large thunderstorms, can be monitored. Once the direction of a storm has been determined, an estimate of its path can be made, and warnings issued to those on its projected path to prepare for its arrival.

Since LORAN also uses the NMEA-0183 protocol, APRS can be used to aid in navigation by using the long-established LORAN system. Boaters and pilots are the obvious beneficiaries, as are those adventurers that are equipped for LORAN, but lack GPS capability.

## THE TOY BOX

So what do you need to get started in APRS? All you need is your packet station and the APRS software, which is freely available as shareware. If you can access the Internet, the address is:

<ftp://ftp.tapr.org/tapr/SIG/aprssid/files/upload>

On the World Wide Web, the address is:

<http://www.tapr.org/sigs/aprssid/files/upload>

A recent version for DOS is APRS77D.ZIP. For Windows users, there is Winaprs 1.10. These programs are rather large because of the maps that they provide, so be sure you have enough storage space on your disk before you start. Another source is one of the many ham-related BBSs that have a version of the APRS software freely available for downloading from the hard drive.

Your APRS station can have virtually any level of complexity you can afford, from an IBM compatible 8086 computer to the latest Pentium-powered full-size and laptop machines. You should have a hard drive in your machine, and a color monitor, but a monochrome monitor will work. Some hams go a step farther, and use the GATE function to crossband digipeat APRS data on HF with a complete packet system dedicated for that purpose alone. Others set up mobile APRS stations, so they can respond to changing events.

#### THE SKY'S THE LIMIT

As mentioned above, some SKYWARN participants use APRS to track the movement of storms. But you can have fun with it, too. Some enterprising hams have used their APRS/GPS systems for fox hunts, and cross country bicycle races. Some like to use it in combination with their local DX cluster. When a new DX station appears on the cluster, it can be plotted on the map along with the callsign. APRS packeteers have taken their portable packet systems with them on camping trips, and cross-country tours. Others have used their mobile systems to locate jammers, and then put his location on the map. You could conceivably put a GPS transmitter in your car the next time you have to park it at the airport for long time. If it turns up missing when you return, you just might be able to find it with APRS. The possibilities are almost limited only by your imagination. Who knows? You might even find a way to use APRS/GPS for an Easter egg hunt! Anybody want to know when Santa will

arrive in the neighborhood? Try using APRS. You never know...

#### WHAT'S NEXT?

Obviously, there's a lot more that can be said about APRS, and many more uses than have been mentioned here. There are document files that come along with the software, and many more on the T.A.P.R. website and ham-related BBSs that can doubtless address aspects that have not been covered here. The capabilities of APRS are always being improved, and the latest upgrades are soon made available. So, if you're really interested in seeing a fascinating use for packet radio, get into APRS. Who knows what it may lead to?

The following is a bibliography chronicling the development of APRS:

- [1] MULTI-USER DATA NETWORK OVER VHF RADIO, Bruninga, AMRAD Newsletter, Mar 1978.
- [2] HF PACKETS, MODEMS and GATEWAYS, Bruninga, Third ARRL computer Networking Conference pg 6-7, 15 Apr 84. (HF packet specification for 200 HZ shift)
- [3] EASTNET - AN EAST COAST PACKET RADIO NETWORK, Bruninga, p 9-11, Third ARRL Computer Networking Conference. 15 Apr 84. (MD,NJ & NY packet map)
- [4] THE RACING PROBLEM: A PACKET SOLUTION, Bruninga, p 12-15, Third ARRL Computer Networking Conference, 15 Apr 84. (A connectionless protocol for reporting the location and status of Horses on a 100 mile endurance run. \*(the original APRS concept)
- [5] EASTNET - A YEAR LATER, Bruninga p 15-24, Fourth ARRL Computer Networking Conference, 30 Mar 85. (More East Coast maps and the first USA HF map)
- [6] LINKING PERSONAL COMPUTERS BY PACKET RADIO, Bruninga, Proceedings, IEEE COMPCON 84 16 Sept 84, (Published the USA

packet map, and amateur HF packet standards)

[7] CONNECTIONLESS EMERGENCY TRAFFIC SYSTEM, Bruninga, Packet Radio Magazine, pg 4-5, July 86. (details the design of the connectionless position and status reporting system)

[8] AN UPDATE ON THE CONNECTIONLESS EMERGENCY TRAFFIC SYSTEM, Bruninga, Packet Radio Magazine, Aug 86. (more of the same)

[9] CONNECTIONLESS PROTOCOL for the NDMS, Bruninga, p 19, Packet Radio Magazine, Nov 86. (using the connectionless protocol for emergency comms)

[10] PACKET RADIO AT THE WRECK OF THE AMTRACK COLONIAL, Bruninga, P 13 Packet Radio Magazine Jan 87. (using portable packet for disaster comms)

[11] LANS and WANS, Bruninga, 7th ARRL Computer Networking Conference, 1 Oct 88 (First DC/BALTIMORE area packet maps with APRS symbols)

[12] A WORLDWIDE PACKET RADIO NETWORK, Bruninga, Signal Magazine, June 88, (shows HF map of 10.149 MHz activity.)

[13] PACKETRADIO IM NOTFUNKEINSATZ BEI EINEM ZUNGUNGLUCK, RTTY magazine 18 Jan 87. (translation of article on APRS at the AMTRACK train wreck)

#### CURRENT:

[14] AUTOMATIC PACKET LOCATION SYSTEM (APLS), Bruninga, ARRL Gateway/QEX, Feb 1991. (early specification for position and status reporting formats)

[15] GROUND STATION TRACKING VIA PACKET RADIO, Bruninga, AMSAT Journal, Pg 1 May/June 93

[16] TRACKIT RADIO, Stan Horzempa, p 92, QST, July 93

[17] UPFRONT IN QST, p 11, QST, August 93. (excellent pictures)



[18] A DESCRIPTION OF APRS by WB4APR, AND MORE!, PACKET USERS  
NOTEBOOK, Buck Rogers, CQ Magazine, Dec 93

[19] INTERFACING GPS/LORAN DEVICES TO PACKET RADIO, Bruninga,  
pg 9-14, QEX, Feb 94

[20] HOMING IN, Radio Direction Finding, by Joe Moell, page  
56-59, October 94 issue of 73 Magazine.

[21] HOMING IN, by Joe Moell, Jan 95 issue of 73 magazine.

[22] Ads by PacComm, AEA and KANTRONICS touting GPS packet.  
April 95 QST

[23] Buck Rogers Column, Packet Notes. CQ magazine May 95  
issue.

[24] QST Compares: GPS Compatible TNC's, Steve Ford WB8IMY, QST  
Oct 1995

[25] Availability of Seventy 9600 Baud Packet Channels on Two  
Meters, 14th ARRL Digital Communications Conference, Arlington,  
TX 8-10 Sept 1995

[26] APRtrak, A Program for Determining the Locations of Ground  
Stations and Spacecraft, Proceedings of the AMSAT-NA 13th Space  
Symposium Oct 6-8 1995, Orlando, FL

[28] APRS in Balloons and HOMING-IN column Nov 95 issue of "73"  
Magazine

[29] The MIM Module, Mobile Radio Technology, May 1996

-----END-----

Arte Booten <N2ZRC@gnn.com>  
(Packet Radio: N2ZRCaKB2VLX.#BRONX.NY.USA.NA)  
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

-----  
Date: Thu, 28 Nov 1996 18:46:43 -0500  
From: "Richard F. Garcia" <n2czf@magg.net>  
To: <aprssig@tapr.org>  
Subject: Re: Tucker Electronics  
Message-ID: <199611282347.SAA00038@grumpy.magg.net>

This is true but the Tucker Test Equipment Branch has NOT closed. They just sold their amateur assets to Ham Radio Outlet. Personally I like HRO but it is scary, they are getting big and that can be a great thing or a really bad thing.

-----  
> From: Joe Scalet <jscalet@sound.net>  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6816] Tucker Electronics  
> Date: Thursday, November 28, 1996 2:36 PM  
>  
> A ham on his way through town said that Tucker Electronics had also  
> closed its doors. Any other info ?

-----  
Date: Thu, 28 Nov 1996 18:43:01 -0600  
From: Paul Stump <n01rf@computer-services.com>  
To: aprssig@tapr.org  
Subject: Re: Today....  
Message-ID: <1.5.4.16.19961128184008.1d97eaaa@computer-services.com>

>All my friends/cohorts on both the APRS SIG and in the KC APRS Working Group...  
>  
>A patient and loving significant other who tolerates my incessant efforts to  
>put a tracker in her Blazer, the hours at the computer playing with APRS and  
>the SIG, running off at all hours of the night to run APRS events for public  
>service, and on and on and on and on and on.....

>

>Happy Thanksgiving Day everyone!!!

Ditto THANKS to everyone and especially to you, JIM. You have worked very hard to get it going here in KC!

Thanks & 73!

73, Paul, n0lrfa@computer-services.com

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End of APRSSIG Digest 785

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From aprssig@tapr.org Fri Nov 29 21:25:17 1996

Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP

id AA1666 ; Fri, 29 Nov 96 21:07:57 UTC

Received: from tapr.org (localhost [127.0.0.1]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id XAA19771; Fri, 29 Nov 1996 23:05:12 -0600 (CST)

Date: Fri, 29 Nov 1996 23:05:12 -0600 (CST)

Message-Id: <199611300505.XAA19771@tapr.org>

Reply-To: aprssig@tapr.org

Originator: aprssig@tapr.org

Sender: aprssig@tapr.org

Precedence: bulk

From: aprssig@tapr.org

To: aprssig@tapr.org

Subject: [APRSSIG:6838] APRSSIG digest 786

X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas

X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group

Status: R

APRSSIG Digest 786

Topics covered in this issue include:

1) PicoPacket w/ internal GPS

by David/Roxanne McCarthy <davidmc@goodnet.com>

2) Advise on What GPS unit

by Jim Prentice WA2MZF QCWA <PRENTICE@scanva.canton.edu>

- 3) Re: APRS/java  
by schiers@ames.net
- 4) Registration number for Vanity Call  
by rafoster@sig.net (Dick Foster)
- 5) Re: APRS/java  
by "Eric A. Cottrell" <eac@shore.net>
- 6) PK-12 to U-2000 Assistance  
by BordingK@aol.com
- 7) Re: Advise on What GPS unit  
by Jim Duncan <ku0g@sprynet.com>
- 8) Re: GARMIN GPS TRAKPAK 31  
by Bryan Fair <brfair@flash.net>
- 9) Re: APRS/java  
by schiers@ames.net
- 10) Is it working correctly? No stations  
by Ed Troy <etroy@aeroconsult.com>
- 11) Re: APRS/java  
by Steve Dimse <sdimse@bridge.net>
- 12) Garmin WebSite  
by hfigueroa@juno.com (Hector M Figueroa)
- 13) Re: Is it working correctly? No stations  
by "Richard F. Garcia" <n2czf@magg.net>
- 14) Re: Advise on What GPS unit  
by Dayglo <dayglo@radix.net>
- 15) Re: GARMIN GPS TRAKPAK 31  
by aprs@juno.com (ap rs)

-----  
Date: Fri, 29 Nov 1996 00:14:50 -0700  
From: David/Roxanne McCarthy <davidmc@goodnet.com>  
To: aprssig <aprssig@tapr.org>  
Subject: PicoPacket w/ internal GPS  
Message-ID: <329E8D66.AF0@goodnet.com>

I am considering getting a second TNC. I currently have a KPC-3 and like the way it works. I want to put together a tracker and wonder if the PicoPacket with internal GPS would be the way to go. Any feedback about the performance about the PicoPacket with or without internal GPS will be appreciated. Thanks in advance.

--

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ  
email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam

Visit the family homepage: <http://www.goodnet.com/~davidmc/>  
"As for me and my house, we will serve the Lord." Jos 24:15

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Date: Fri, 29 Nov 1996 08:33:14 -0500 (EST)  
From: Jim Prentice WA2MZF QCWA <PRENTICE@scanva.canton.edu>  
To: aprssig@tapr.org  
Subject: Advise on What GPS unit  
Message-ID: <01ICEU0SFX4000G0I7@scanva.canton.edu>

Greeting to the group..

With Christmas coming and xyl asking how to spend money!

Wonder if I could get some suggestions as to what unit to buy  
for aprs work ? Running pk232mbx "hopefully can get new eproms"  
but for plus or minus 200.00 what gps unit would you guys  
suggest and source? I believe an outside antenna is needed  
but not to start with in my applications, but want the ability  
to add later on.

Thanks ur ideas..

73

-----

Date: Fri, 29 Nov 96 08:01:29 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: APRS/java  
Message-ID: <199611291401.IAA15754@tapr.org>

In <909347@bbs.ames.net>, on 11/27/96 at 11:30 AM,  
aprssig@tapr.org said:

>Other than that, just tough it out and wait for beta 3!

Thanks to Steve's (wa4dsy) help, I now have the native java

applet viewer in OS/2 Warp 4 working perfectly for his site. The netscape beta still doesn't work, and that is what his comment above refers to. Interestingly enough, the Netscape beta 2 for OS/2 works just great at KL7J's site and for a really nice implementation of Java you can look at ESPN's SportZone...very impressive.

Steve has been a BIG help and watching live APRS data via internet has a very eerie feel to it. I even saw myself on the map, when I zoomed out far enough and early in the evening, I forced a transmission of wx on hf with WinAPRS, and watched the packet come into Steve's javaAPRS site! In other words, I watched myself get updated on his system via 30m! Very strange, this mix of rf and computers.

73,

hasan schiers, N0AN

-----  
schiers@ames.net  
-----

-----  
Date: Fri, 29 Nov 1996 09:20:22 -0600  
From: rafoster@sig.net (Dick Foster)  
To: aprssig@tapr.org  
Subject: Registration number for Vanity Call  
Message-ID: <199611291520.JAA01976@austin.aus.sig.net>

To: Bob Bruninga or other APRS representative

I am a paid up / registered user of APRS under the call sign W2IE with registration number 12122.

I have recently received my 5th district Vanity call W5TA. The 12122 registration number will not work with this call. Please give me a number that will work.

Since I am probably not the only one encountering this problem, you may want to post something at "aprssig".

Will appreciate a prompt reply.

Thanks,  
Dick Foster W5TA (formerly W2IE).

-----

Date: Fri, 29 Nov 1996 10:35:30 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: schiers@ames.net  
Subject: Re: APRS/java  
Message-ID: <849281730-0-eac@shore.net>

Hello,

There has been some comments on the os2.beta newsgroup that small java applets seem to work ok in the NS beta, but large ones only partly load and end up hanging the system.

73 Eric eac@shore.net WB1HBU

-----

Date: Fri, 29 Nov 1996 11:01:11 -0500  
From: BordingK@aol.com  
To: aprssig@tapr.org  
Subject: PK-12 to U-2000 Assistance  
Message-ID: <961129110111\_2015772119@emout12.mail.aol.com>

A fellow ham, not a member of the SIG, needs assistance in getting a PK-12 and U-2000 up on the air as a Remote Weather Station. He's tried translating KPC-3 instructions and has been thru the APRSDos Readme Files. But it still is not working.

If you're using a PK-12/U-2000 setup and can help, please response DIRECTLY to Henry Coords, AA4QI at: hcordes@jax-inter.net.

And yes, WinAPRS 1.1.7 finally got MY Peet Bros U-2000 up and on the air.

Thanks, Mark and Keith!

Thanks everyone else, hope you all had a great Thanksgiving!

de KF4COH  
Ken in Jax

-----  
Date: Fri, 29 Nov 1996 08:08:46 -0800  
From: Jim Duncan <ku0g@sprynet.com>  
To: aprssig@tapr.org  
Subject: Re: Advise on What GPS unit  
Message-ID: <199611291608.IAA20975am1.sprynet.com>

At 07:36 11/29/96 -0600, you wrote:

>Greeting to the group..

>

> With Christmas coming and xyl asking how to spend money!

>

>

>Wonder if I could get some suggestions as to what unit to buy

I strongly recommend the Garmin GPS-45XL. Of course, we're a little biased here in Kansas City since Garmin is headquartered here and they actively support the APRS Group.....My opinion my not necessarily be valid...We have had great successes with the Garmin units all around, though.

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

-----  
Date: Fri, 29 Nov 1996 11:06:40 -0600  
From: Bryan Fair <brfair@flash.net>  
To: aprssig@tapr.org  
Subject: Re: GARMIN GPS TRAKPAK 31



Message-ID: <199611291706.LAA11186@endeavor>

The receiver is the same the gps 38&40 IT is a MultiTrak8  
THE GPS 38&40 have an 8088 microprocessor that reads the input from the GPS engine

If you want to spend all day at an attempt to pick apart everything then by all means do so....(a life is needed here) The whole reason I sent the article was to let every one know about them

The GPS 40 my friend purchased cost him a whole \$125 (Can't Say Where:)  
Only thing is an antennae from Garmin is around \$100  
GPS 31 TRKPAK is a good deal IN MY OPINION

I accept the difference in price for a completed sealed unit  
not having to buy a GPS 20  
BUILD or BUY antennae, connections, case, to all their own  
as far as the 1pps timing output with a +/- 1msec I HAVE NO NEED OR USE!  
if I need a calibration source that is what WWV & a LORAN-C CALIBRATION UNIT ARE FOR!

At 03:24 PM 11/27/96 -0600, you wrote:

>

>Brian Fair sed:

>

>> It has the same 8CH parallel RXCV as the GPS 20,38,40

>

>Not quite. First, it is a SEQUENTIAL receiver, like the 20/38/40

>

>It's not like the '20 because you can't get the precise timing pulses

>from the receiver and some of us are finding that to be useful/important.

>[I believe it IS a 20 inside the box. But you have to break the sealed  
> case open to get to it].

>

>It's not like the 38/40 because it has no display, no waypoints, no

>track log, etc.

>

>73, Tom

>

>

-----

Date: Fri, 29 Nov 96 11:29:56 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: APRS/java  
Message-ID: <199611291730.LAA24300@tapr.org>

In <911428abbs.ames.net>, on 11/29/96 at 09:29 AM,  
aprssig@tapr.org said:

>There has been some comments on the os2.beta newsgroup that small java  
>applets seem to work  
>ok in the NS beta, but large ones only partly load and end up hanging the  
>system.

>73 Eric eac@shore.net WB1HBU

thanks Eric...my experience with NS/beta/2.0 is that some sites work very  
well, even doing some pretty fancy things ((ESPN Sports Net and KL7J's  
(simpler))), but Steve's siite and Bob's site do not work with NS/beta/2.0  
for Os/2.

As I pointed out in my other post, the java applet by itself works great  
to Steve's soeast.html. Pretty darn nifty! 73,

hasan schiers, N0AN

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schiers@ames.net

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Date: Fri, 29 Nov 1996 13:00:52 -0500  
From: Ed Troy <etroy@aeroconsult.com>  
To: aprssig@tapr.org  
Subject: Is it working correctly? No stations  
Message-ID: <2.2.32.19961129180052.00abd1b0@popmail.voicenet.com>

I have downloaded the aprs program, loaded it, and configured it for my pk232.

I can see all of the packets fine, including ones that include lat/lon info. I have it set to display all. If I go to the station list, I have about 40 stations there now. But, if I look at the map, the only icon I see is the one for my own station that I manually located. Is this the way it is supposed to work, or is something wrong? I thought I was supposed to see icons for all the various, (or at least a significant number) of the stations. I am using default US map.

\*\*\*\*\*

Ed Troy

Aerospace Consulting

<http://www.aeroconsult.com>

RF, Microwave, Wireless, and Analog Design, Development, and Consulting. Also, circuit board layout using PCAD, software development, and GPS applications

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Date: Fri, 29 Nov 96 14:30:17 -0500

From: Steve Dimse <[sdimse@bridge.net](mailto:sdimse@bridge.net)>

To: <[aprssig@tapr.org](mailto:aprssig@tapr.org)>

Subject: Re: APRS/java

Message-ID: <199611291930.0AA04545@newworld.bridge.net>

>Thanks to Steve's (wa4dsy) help, I now have the native java  
>applet viewer in OS/2 Warp 4 working perfectly for his site.  
>The netscapte beta still doesn't work, and that is what his  
>comment above refers to. Interestingly enough, the Netscape  
>beta 2 for OS/2 works just great at KL7J's site and for a  
>really nice implementation of Java you can look at ESPN's  
>SportZone...very impressive.  
>

WA4DSY is Dale, who wrote the OS/2 server. The Steve's are K4HG in Florida who wrote javAPRS and KD6WXD in California who wrote the Windows server. Can't tell the players without a scorecard, HI.

>Steve has been a BIG help and watching live APRS data via  
>internet has a very eerie feel to it. I even saw myself on  
>the map, when I zoomed out far enough and early in the

>evening, I forced a transmission of wx on hf with WinAPRS,  
>and watched the packet come into Steve's javaAPRS site! In  
>other words, I watched myself get updated on his system via  
>30m! Very strange, this mix of rf and computers.

>

I know I wasn't the big help, but glad you are enjoying javAPRS. I find it pretty amazing too. I can hook up to the 4 sites now serving live data and get from 250 to 300 stations on the map. Once I get APRServe running and Steve releases the Windows server, 500 and up will be an every day occurrence!

Steve K4HG

-----

Date: Fri, 29 Nov 1996 15:56:09 EST  
From: hfigueroa@juno.com (Hector M Figueroa)  
To: aprssig@tapr.org  
Subject: Garmin WebSite  
Message-ID: <19961129.125403.7030.0.Hfigueroa@juno.com>

Just information to those looking for GPS information, Garmin has finally jumped on the Bandwagon and now have a website <http://www.garmin.com/>

Have fun and 73's

Hector M. Figueroa E-Mail [Hfigueroa@juno.com](mailto:Hfigueroa@juno.com)  
World Wide Web Page <http://www.geocities.com/CapeCanaveral/1629>  
Amateur Radio Call KE6VRL  
Packet KE6VRLaK6VE.#SOCA.CA.USA.NOAM

-----

Date: Fri, 29 Nov 1996 19:13:43 -0500  
From: "Richard F. Garcia" <n2czf@magg.net>  
To: <aprssig@tapr.org>  
Subject: Re: Is it working correctly? No stations  
Message-ID: <199611300019.TAA26808@grumpy.magg.net>

Try setting the TNC to MON 1

Got to dumb term in APRS. I forget not I think it is C then T and enter MON

1

If that resolves the problem change the TNC initialization file to include MON1. APRS has not had this problem for a few years, seemed to have been solved, did you tell APRS you were using a AEA tnc. Is your TNC in Command mode and not HOST ??

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```
> From: Ed Troy <etroy@aeroconsult.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:6833] Is it working correctly? No stations
> Date: Friday, November 29, 1996 1:04 PM
>
> I have downloaded the aprs program, loaded it, and configured it for my
pk232.
> I can see all of the packets fine, including ones that include lat/lon
info.
> I have it set to display all. If I go to the station list, I have about
40
> stations there now. But, if I look at the map, the only icon I see is
the
> one for my own station that I manually located. Is this the way it is
> supposed to work, or is something wrong? I thought I was supposed to see
> icons for all the various, (or at least a significant number) of the
> stations. I am using default US map.
> *****
> Ed Troy
> Aerospace Consulting
> http://www.aeroconsult.com
>
> RF, Microwave, Wireless, and Analog Design, Development, and
> Consulting. Also, circuit board layout using PCAD, software
> development, and GPS applications
> *****
```

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Date: Fri, 29 Nov 1996 22:01:28 -0500  
From: Dayglo <dayglo@radix.net>  
To: aprssig@tapr.org  
Subject: Re: Advise on What GPS unit

Message-ID: <2.2.32.19961130030128.00702fac@pop.radix.net>

>Wonder if I could get some suggestions as to what unit to buy  
>for aprs work ? Running pk232mbx "hopefully can get new eproms"  
>but for plus or minus 200.00 what gps unit would you guys  
>suggest and source? I believe an outside antenna is needed  
>but not to start with in my applications, but want the ability  
>to add later on.

I would say that the best GPS unit for APRS work is the TAPR GPS II. I do not own one myself but come Monday I will be calling TAPR to order one. You cannot beat the price, and it does not make you feel guilty when you tuck it away in your car. I am a current owner of a Garmin GPS 40. The unit has a very nice LCD with great graphics. The unit is quite reliable but better suited for other purposes because of the LCD.

-----

Date: Fri, 29 Nov 1996 23:58:17 EST  
From: aprs@juno.com (ap rs)  
To: aprssig@tapr.org  
Subject: Re: GARMIN GPS TRAKPAK 31  
Message-ID: <19961130.000708.9550.11.aprs@juno.com>

I don't think anyone is picking anything apart, Brian. There is a \*big\* difference between a 1 or 2 channel sequencing receiver and a 10 or 12 channel parallel one. The 38, 40 and 45 are fine for marine handheld use, hiking, and even casual APRS use (where the GPS can be supervised to make sure it hasn't turned itself off or needs resetting). The 31 is probably nice for using in a tracker where it can see the satellites a lot. We know it doesn't need anyone to keep pushing the power button.

But... the parallel tracking units similar to the Motorola Oncore black boxes (very reasonable), Trimble, and the GPS 35 (and the units folks build from the 20 and 25 engines) are far superior when it comes to re-acquisition of signal after obscuration and stability of operation than any sequencer I have seen.

On the negative side- the ones I like don't have the cute display on 'em. But that's why I use the funware version of GMDAY. If you haven't seen GMDAY, try my web page:

<http://www.mindspring.com/~rwf>

On Fri, 29 Nov 1996 11:07:45 -0600 (CST) Bryan Fair <brfair@flash.net> writes:

>The receiver is the same the gps 3840 IT is a MultiTrak8 THE GPS 3840 have an 8088 microprocessor that reads the input from the GPS engine. If you want to spend all day at an attempt to pick apart everything then by >all means do so....(a life is needed here) The whole reason I sent the article was to let every one know about them

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End of APRSSIG Digest 786

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From aprssig@tapr.org Sat Nov 30 19:42:35 1996

Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP

id AA1667 ; Sat, 30 Nov 96 19:03:01 UTC

Received: from tapr.org (localhost [127.0.0.1]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id VAA15363; Sat, 30 Nov 1996 21:00:49 -0600 (CST)

Date: Sat, 30 Nov 1996 21:00:49 -0600 (CST)

Message-Id: <199612010255.SAA16362@dfw-ix10.ix.netcom.com>

Reply-To: aprssig@tapr.org

Originator: aprssig@tapr.org

Sender: aprssig@tapr.org

Precedence: bulk

From: aprssig@tapr.org

To: aprssig@tapr.org

Subject: [APRSSIG:6867] APRSSIG digest 787

X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas

X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group

Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=ISO-8859-1

MIME-Version: 1.0

X-Mailer: Microsoft Internet Mail 4.70.1155

Status: R

APRSSIG Digest 787

Topics covered in this issue include:

- 1) Colors on WinAPRS  
by "Don Murray" <james-m@ix.netcom>
- 2) CFIGxxx.APR and new Upgrades?  
by "B.G. Gotshall" <b.gotshall@worldnet.att.net>
- 3) Davis Wx Wizard III and APRS  
by BordingK@aol.com
- 4) Re: CFIGxxx.APR and new Upgrades?  
by Arte Booten <N2ZRC@gnn.com>
- 5) Re: Davis Wx Wizard III and APRS  
by schiers@ames.net
- 6) Starting WinAprs' HSP mode  
by ko6xs@ko6xs.ampr.org
- 7) WinAPRS Map Display  
by Jeffrey Greer <KF4GKH@postoffice.worldnet.att.net>
- 8) Re: WinAPRS Map Display  
by rbost@itexas.net (Roy Bost)
- 9) Netscape and Java  
by KB2SCSJB@aol.com
- 10) Re: WinAPRS Map Display  
by schiers@ames.net
- 11) Thanks, Bob- for the "away message"  
by aprs@juno.com (ap rs)
- 12) Re: PicoPacket w/ internal GPS  
by aprs@juno.com (ap rs)
- 13) Re: Colors on WinAPRS  
by Paul Stump <n01rf@computer-services.com>
- 14) Re: Starting WinAprs' HSP mode  
by aprs@juno.com (ap rs)
- 15) Re: WinAPRS Map Display  
by Mark Sproul <sproul@ap.org>
- 16) Re: Starting WinAprs' HSP mode  
by Mark Sproul <sproul@ap.org>
- 17) Re: Colors on WinAPRS  
by Mark Sproul <sproul@ap.org>
- 18) Re: Starting WinAprs' HSP mode  
by Mark Sproul <sproul@ap.org>
- 19) Re: Netscape and Java  
by Steve Dimse <sdimse@bridge.net>
- 20) Re: Registration number for Vanity Call  
by "Bruce W. Martin" <martinbw@telalink.net>



- 21) WIN95 and 77E.  
by "Sam Nabkey, K8SN" <snabkey@k8sn.org>
- 22) Re: Netscape and Java  
by "Tom Carpenter" <wb8vj@tir.com>
- 23) Re: CFGxxx.APR and new Upgrades?  
by rkramer@merge1.mergetel.com (Ron Kramer)
- 24) Re: Starting WinAPRS' HSP mode  
by ko6xs@ko6xs.ampr.org
- 25) Log File of Cross Country Trip  
by Steve Dimse <sdimse@bridge.net>
- 26) Re: Davis Wx Wizard III and APRS  
by Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
- 27) Re: WinAPRS Map Display  
by Jeffrey Greer <KF4GKH@postoffice.worldnet.att.net>
- 28) GPS Navigation using sound capable notebook  
by "Eric A. Cottrell" <eac@shore.net>
- 29) Re: Colors on WinAPRS  
by "Don Murray" <james-m@ix.netcom>

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Date: Sat, 30 Nov 1996 02:21:10 -0500  
From: "Don Murray" <james-m@ix.netcom>  
To: <aprssig@tapr.org>  
Subject: Colors on WinAPRS  
Message-ID: <199611300722.XAA00342@dfw-ix10.ix.netcom.com>

I have just recently downloaded the WinAPRS and so far like what I see with one exception.. The screen/map colors... Is there anyway to change them??? That white map background works on me, I would love to be able to set this to black or some other dark background if at all possible..

Any and all suggestions will be greatly appreciated..

Thanks  
Don

-----

Date: Sat, 30 Nov 1996 07:39:11 -0800  
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>  
To: "aprssig@tapr.org" <aprssig@tapr.org>

Subject: CFGxxxx.APR and new Upgrades?  
Message-ID: <32A0551F.3@worldnet.att.net>

On the last two upgrades (the last one being 76 to 77e) I have had to re-configure the program on the first start up and save it. After that it starts as a registered program should. In past upgrades, the old CFG file would work with the new upgrade.  
I have changed the CFG to 77d.apr.

Did I miss a step someplace along the way? I have looked thru the readme files and do not see anything about another change to the CFG file since we changed it to 77d.

Bud (WB4LTF)

-----  
Date: Sat, 30 Nov 1996 08:32:31 -0500  
From: BordingKa@aol.com  
To: aprssig@tapr.org  
Subject: Davis Wx Wizard III and APRS  
Message-ID: <961130083229\_706573546@emout05.mail.aol.com>

One of our Club members has a Davis Instruments Weather Wizard III that he want to get up on the air on APRS. It seems Davis wants \$165 for the cable! Seems quite high since he really want need the Davis software if he's setting the device up on APRS.

Has anyone had any luck building their own cable. If so, can you share the pin outs, etc. Right now this weather system is just gathering dust!

P.S. for NOAN: Is it really 88+ degrees up in the Mid-West. That's what's being seen on your gated wx report. It's only 65 here in Florida!

de KF4COH  
Ken in Jax

-----  
Date: Sat, 30 Nov 1996 08:52:36  
From: Arte Booten <N2ZRC@gnn.com>

To: aprssig@tapr.org  
Subject: Re: CFIGxxx.APR and new Upgrades?  
Message-ID: <199611301352.IAA26962@mail-e2b.gnn.com>

Hi All,

On Sat, 30 Nov 1996 B.G. Gotshall wrote:

>On the last two upgrades I have had to re-configure the program ... and save it. After that it starts as a registered >program should ... I have changed the CFIG to 77d.apr.

I think the reason it calls for a new CFIG file is because of what the update file actually is: 76to77e. All versions before 7.7d used a slightly different one. If, on the other hand, Bob had made a 77dto77e, the change wouldn't have been necessary, but I'm sure he thought more people would be upgrading from the older versions and it would be an unwarranted duplication of effort to make two versions of the upgrade.

Which brings up two other comments. With the "new" file "CFIG77d.xxx, when you call up the message digipath list with O(perations)-D(igis)-L(ist), the twelvth slot is taken up by one of the coordinate sets for the "hotkey" maps (ie: 1, 3, 7 and 9 keys) instead of that last digipath or a star for one that's unused.

Second, it seems the X(mit)-B(eacon) command is still disabled, which was noted in 77d.

BTW, I've found that my bad luck with the F9 (Win-Doze) key is a problem with MY computer and NOT APRS. 73

Arte Booten <N2ZRC@gnn.com>  
(Packet Radio: N2ZRCaKB2VLX.#BRONX.NY.USA.NA)  
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

-----

Date: Sat, 30 Nov 96 08:55:49 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: Davis Wx Wizard III and APRS  
Message-ID: <199611301456.IAA14761@tapr.org>

In <912261@bbs.ames.net>, on 11/30/96 at 07:28 AM,  
aprssig@tapr.org said:

>P.S. for NOAN: Is it really 88+ degrees up in the Mid-West

I send out a beacon once an hour indicating I have a bad  
therm sensor. The wind, rain, and pressure are accurate.

Waiting for a new sensor. 73,

hasan schiers, NOAN

-----  
schiers@ames.net  
-----

-----  
  
Date: Sat, 30 Nov 96 06:51:15 PST  
From: ko6xs@ko6xs.ampr.org  
To: aprssig@tapr.org  
Subject: Starting WinAprs' HSP mode  
Message-ID: <9126@ko6xs.ampr.org>

GM all,  
Hope Turkey day was good for u.  
Finally got a chance to play with WinAprs 116. I'm trying to setup a  
complete  
tracking station in my car using a laptop, Garmin 45, KPC-3 TNC and a  
Kenwood  
th79ad HT. But when I enable HSP mode in the "settings-serial port" command,  
I get a strange dialog box error message: "Can't SetControlLines. Function  
pointer is nil" I've never seen that one. Can anyone help me get this setup  
running?  
Any help at all would be appreciated.

73s de Jonathan

ko6xs@ko6xs.ampr.org

-----

Date: Sat, 30 Nov 1996 10:16:09 -0500  
From: Jeffrey Greer <KF4GKH@postoffice.worldnet.att.net>  
To: aprssig@tapr.org  
Subject: WinAPRS Map Display  
Message-ID: <19961130151548.AAA5144@LOCALNAME>

I have an IBM Thinkpad 760CD running PC DOS 7.0 & Windoze 3.11, 32MB ram.

I have WinAPRS 1.17. running through an AEA DSP-232 with the recent firmware upgrade.

APRS loads and appears to be running properly. The packets display in the small window below the map screen as they are received. I have logging turned on and can pull them down in the log displays.

However, the only call that is displayed on the maps is my own call. I have toggled every option. Even options that shouldn't have an effect, to no avail.

Is there something simple I'm missing or do I need to move to another operating system?

Thanks, Jeff WD4ET (new vanity call. Old WD4ET0)

-----

Date: Sat, 30 Nov 1996 09:35:19 -0600  
From: rbost@itexas.net (Roy Bost)  
To: <aprssig@tapr.org>  
Subject: Re: WinAPRS Map Display  
Message-ID: <19961130153517544.AAA103@rbost.itexas.net>

Make sure that the MONITOR command is turned on!!

Roy Bost, N5TAM  
Granbury, Tx.  
rbost@itexas.net

32 25' 33"N 97 48' 59"W

-----

Date: Sat, 30 Nov 1996 11:18:27 -0500  
From: KB2SCSJB@aol.com  
To: aprssig@tapr.org  
Subject: Netscape and Java  
Message-ID: <961130111826\_2082998451@emout03.mail.aol.com>

Hi To all

A few weeks ago some one wrote how there system  
(win 3.1 netscape 3.0) seemed to be Java script enabled but the box  
to make it java enabled was unchecked and grayed out. So the java enabled  
box could not be checked.

I have the same problem. When I go to Bob's home page his dish ant flash  
showing me that I am java script enabled. When I go to His aprs map Nothing  
that is supposed to happen happens.

I am running win 3.1, Netscape 3.0, on a 486 33mhz With 4 meg of memory.

MY question is. Why is the java enabled box in netscape grayed out?  
Is it because of the fact that with 4meg ram I do not have enough mem to run  
Java  
or is it because I am not running win 95?

Or some other reason I have not thought of yet.

Thank you for your help. 73 de John

E-mail KB2SCS@aOL.COM  
Packet KB2SCS@KC2FD.#NLI.NY.USA.NA

-----

Date: Sat, 30 Nov 96 10:46:11 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: WinAPRS Map Display  
Message-ID: <199611301646.KAA19784@tapr.org>

In <912309abbs.ames.net>, on 11/30/96 at 09:10 AM,  
aprssig@tapr.org said:

WD4ET said:

>I have an IBM Thinkpad 760CD running PC DOS 7.0 & Windoze 3.11, 32MB ram.

>I have WinAPRS 1.17. running through an AEA DSP-232 with the recent  
>firmware upgrade.

I don't know what processor the 760CD runs, but given it looks like at  
least a 486, and you have 32mb ram, I would HIGHLY recommend upgrading to  
Win95. You will find the program runs a LOT faster in its 32bit  
incarnation than under Win31.

Don't take this the wrong way, I am no skill for W95...the ONLY reason I  
run it on one of my machines is because of two programs: WinAPRS and  
Win95-SSTV. If your machine has a sound card, you can run color SSTV with  
it and get outstanding results with Win95 SSTV. I use it here all the time  
now and am taking my Pasokon board out of my other machine.

My own preference in OS is OS/2 Warp...running 4 here and dearly love it,  
but Win95 apps won't run on it. 73,

hasan schiers, NOAN

-----  
schiers@ames.net  
-----

-----  
Date: Sat, 30 Nov 1996 11:51:10 EST  
From: aprs@juno.com (ap rs)  
To: aprssig@tapr.org  
Subject: Thanks, Bob- for the "away message"  
Message-ID: <19961130.115949.4326.2.aprs@juno.com>

I have been using the automatic response "away message" in version 77e  
and it has really cut down on wasted traffic to my station.

Now when I'm not downstairs in my basement shack and another APRSer

sends me a one liner- he gets the "Sorry, I'm away from the terminal- try again later (auto response)" message. I still see his msgs to me, but he now knows not to waste time if he needs a timely response. Several users who have seen this have asked me how I got APRS to do that and I've told them to check out version 77E.

If you have Version 77E and you want to try this, just make your first message to REPLY and put your desired "away message" in the text. When someone sends you a one liner, he'll get your ACK and then your canned message.

Ralph N4NEQ  
rwf@mindspring.com

-----

Date: Sat, 30 Nov 1996 11:51:10 EST  
From: aprs@juno.com (ap rs)  
To: aprssig@tapr.org  
Subject: Re: PicoPacket w/ internal GPS  
Message-ID: <19961130.115949.4326.1.aprs@juno.com>

David-

I have configured many trackers and use several myself, so I thought I'd answer your message here in the SIG. Sorry that it is so lengthy but there's a lot to say.

Many TNC manufacturers make nice mobile TNCs, including the KPC-3 you have. Most of them support some sort of stand alone GPS tracker mode as well. I have several of them. I've made suggestions to Kantronics as to improvements, but the responses I have received from them indicate that what we have is what we will continue to have.

Not so with Paccomm. The Company is very in tune with APRS and gives us way more support than any other I have seen.

In most stand alone trackers the GPS serial output is wired directly to the TNC's serial input. This makes it difficult to use when you occasionally want to run a PC in the car too. It can't be done without rewiring the setup. Even then, unless you want to add a second serial



port to your PC, you must make or adapt an HSP (Hardware Serial Port) adapter to allow you to use both the TNC and the GPS together with your PC.

Then when you want to go to Tracker mode again, you have to rewire and issue the GPS command and power the TNC off and back on. The effort discourages flexible operation.

You asked about the Pico Packet. The Pico offers a several unique capabilities not found in any other TNC that makes it great for stand alone tracker use. It can be gotten with a second serial connection which is always connected to your GPS. The TNC is constantly receiving the GPS data, holding it and then sending it to the PC as requested.

Both DOS and WIN APRS support this mode by sending a special character to the TNC when a position report is desired. The TNC stops sending TNC data for a moment, substituting the desired GPS string. I have had perfect operation with intervals as short one second (the quickest APRS will request it). I use this fast operation when updating maps with GPS history.

Because the GPS is always connected to the second serial port, the Pico can do another unique trick. Since the Pico knows APRS is operating because of the periodic position requests sent to it, it can tell if you take the PC away or the PC battery dies or otherwise. After a user controllable period of having no requests from the PC, the Pico reconfigures itself right into a stand alone tracker. It then uses beacon path and interval settings that you have pre loaded . Your entry in the APRS P list even gets changed to a / prefix (indicating a tracker) from an @ symbol (which indicates that a computer is controlling the positions). Your Icon on everyone's map also changes color to that of a tracker. I think this is light gray, but can't remember.

I've tried trackers made from every TNC I can find and really believe that these features currently make the Pico the best arrangement for a mobile unit. Be sure to get the one with the second serial port.

To be fair, I have to blast them a little for not yet having remote sysop commands (even the PK12 from AEA has a limited way to do this. Very limited, though!) They (Paccomm) are always adding features, so I am expecting remote commands and automatic posit rate control based on speed to be forthcoming soon. Remember that Paccomm's main business is commercial TNCs and Vehicle location, so we Hams benefit from all the

development they do for that market. This is a case where a person's hobby (Ham packet) became a business and now the business developments help give something back to the Hams (continued development).

One last thing- the Pico is also available with a built in GPS and external active antenna. Up until recently, the GPS did not send the \$GPRMC sentence that gives speed and heading info. As an example of Paccomm's excellent user support they are going to be upgrading earlier versions of the GPS that lacked this and other sentences.

I'm sure you can get more details from [gwyn@paccomm.com](mailto:gwyn@paccomm.com).

Gosh... it sounds like I work there. I don't ! I just feel that they currently give a level of user support unseen from other TNC manufacturers. My only other connection is that I gave Linda (Ms. Paccomm) a ride to the Amateur testing sessions at the Tampa Hamfest last Saturday. That's right- soon she'll be a Ham too. So congratulate and encourage her when you call to place your order ;-)

73

Ralph  
[rwf@mindspring.com](mailto:rwf@mindspring.com)

David/Roxanne McCarthy writes:

>I am considering getting a second TNC. I currently have a KPC-3 and like the way it works. I want to put together a tracker and wonder if the PicoPacket with internal GPS would be the way to go. Any feedback >about the performance about the PicoPacket with or without internal GPS will be appreciated. Thanks in advance.

>--

>David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ

-----

Date: Sat, 30 Nov 1996 11:06:09 -0600  
From: Paul Stump <[n01rfa@computer-services.com](mailto:n01rfa@computer-services.com)>  
To: [aprssid@tapr.org](mailto:aprssid@tapr.org)  
Subject: Re: Colors on WinAPRS

Message-ID: <1.5.4.16.19961130110303.260f4dee@computer-services.com>

>I have just recently downloaded the WinAPRS and so far like what I see with  
>.. The screen/map colors... Is there anyway to change them???

I'd have to agree.

Mark, I meant to suggest that as an enhancement...

73, Paul, n0lrfa@computer-services.com

-----

Date: Sat, 30 Nov 1996 12:15:01 EST

From: aprs@juno.com (ap rs)

To: aprssig@tapr.org

Subject: Re: Starting WinAprs' HSP mode

Message-ID: <19961130.122238.4326.9.aprs@juno.com>

Re: Jonathan's HSP problems on WinAPRS:

Don't know about your error, but remember that HSP is for a Hardware  
Serial Port adapter (ie: the transistor switch in the docs, the adapter  
from Paccomm, or the Pico Packet with built in HSP.)

You don't mention which HSP adapter you have, and if you don't have one  
(which would mean you are using dual serial ports) , then you don't need  
to be enabling HSP anyway.

I've never gotten HSP to work on WinAPRS at all so far. I have the Pico  
with built in HSP as well as the more conventional adapter, and helped  
him grasp the concept of HSP, but never was offered a chance to test it  
before Mark released it. Not sure who did. Haven't heard anything as to  
whether anyone is actually using it yet.

Ralph

rwf@mindspring.com

-----

Date: Sat, 30 Nov 1996 12:13:58 -0500

From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Cc: rboast@itexas.net  
Subject: Re: WinAPRS Map Display  
Message-ID: <v03007808aec61ba49305a[165.1.27.20]>

>I have an IBM Thinkpad 760CD running PC DOS 7.0 & Windoze 3.11, 32MB ram.  
>  
>I have WinAPRS 1.17. running through an AEA DSP-232 with the recent  
firmware  
>upgrade.  
>  
>APRS loads and appears to be running properly. The packets display in the  
>small window below the map screen as they are received. I have logging  
>turned on and can pull them down in the log displays.  
>  
>However, the only call that is displayed on the maps is my own call. I have  
>toggled every option. Even options that shouldn't have an effect, to no  
avail.  
>  
>Is there something simple I'm missing or do I need to move to another  
>operating system?  
>  
>Thanks, Jeff WD4ET (new vanity call. Old WD4ET0)

Yes, there are several TNC settings that have to be set like HEADERLN OFF,  
I am working on documenting all of this

Mark

---

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
<a href="http://msproul.rutgers.edu/">http://msproul.rutgers.edu/</a>	

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Date: Sat, 30 Nov 1996 12:15:46 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Subject: Re: Starting WinAprs' HSP mode  
Message-ID: <v03007809aec61c0eabe3a[165.1.27.20]>

>GM all,  
>Hope Turkey day was good for u.  
>Finally got a chance to play with WinAprs 116. I'm trying to setup a  
complete  
>tracking station in my car using a laptop, Garmin 45, KPC-3 TNC and a  
Kenwood  
>th79ad HT. But when I enable HSP mode in the "settings-serial port"  
command,  
>I get a strange dialog box error message: "Can't SetControlLines. Function  
>pointer is nil" I've never seen that one. Can anyone help me get this setup  
>running?  
>Any help at all would be appreciated.  
>  
>73s de Jonathan  
>ko6xs@ko6xs.ampr.org

You have the old Serial DLL

If you are running Windows 3.1, I have not yet updated the 3.1 DLL, if you  
are running Win95, just get the new DLL and all will be OK

Mark

-----  
Mark Sproul |Amateur Radio: KB2ICI  
Software Engineer @ Assoc Press |  
sproul@ap.org |Work: 609-860-7120  
North Brunswick, NJ |Fax: 609-860-7129  
<http://msproul.rutgers.edu/>  
-----

-----  
Date: Sat, 30 Nov 1996 12:27:07 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <v03007807aec61b477d0da[165.1.27.20]>

>I have just recently downloaded the WinAPRS and so far like what I see with  
>one exception.. The screen/map colors... Is there anyway to change  
>them??? That white map background works on me, I would love to be able to  
>set this to black or some other dark background if at all possible..  
>  
>Any and all suggestions will be greatly appreciated..  
>  
>Thanks  
>Don

No, WinAPRS does not allow changing of the background colors, but then  
neither do very many Windows programs.

Mark Sproul  
WinAPRS author

-----  
Mark Sproul |Amateur Radio: KB2ICI  
Software Engineer @ Assoc Press |  
sproul@ap.org |Work: 609-860-7120  
North Brunswick, NJ |Fax: 609-860-7129  
<http://msproul.rutgers.edu/>  
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-----  
Date: Sat, 30 Nov 1996 12:33:20 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org

Subject: Re: Starting WinAprs' HSP mode  
Message-ID: <v0300780aaec6202ea3e7a[165.1.27.20]>

>I've never gotten HSP to work on WinAPRS at all so far. I have the Pico  
>with built in HSP as well as the more conventional adapter, and helped  
>him grasp the concept of HSP, but never was offered a chance to test it  
>before Mark released it. Not sure who did. Haven't heard anything as to  
>whether anyone is actually using it yet.  
>

I did thorough testing with a Paccomm HSP cable, at present HSP mode does  
NOT work under Windows 3.1 because I have not updated the 16 bit DLL yet.

Mark

---

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

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-----

Date: Sat, 30 Nov 96 12:54:23 -0500  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tapr.org>  
Subject: Re: Netscape and Java  
Message-ID: <199611301754.MAA09356@newworld.bridge.net>

>A few weeks ago some one wrote how there system  
>(win 3.1 netscape 3.0) seemed to be Java script enabled but the box  
>to make it java enabled was unchecked and grayed out. So the java enabled  
>box could not be checked.

>

>I have the same problem. When I go to Bob's home page his dish ant flash  
>showing me that I am java script enabled. When I go to His aprs map Nothing

>that is supposed to happen happens.  
>  
>I am running win 3.1, Netscape 3.0, on a 486 33mhz With 4 meg of memory.  
>  
>MY question is. Why is the java enabled box in netscape grayed out?  
>Is it because of the fact that with 4meg ram I do not have enough mem to run  
>Java  
>or is it because I am not running win 95?  
>  
Netscape does not do java under Windows 3.1. There is a beta version that will, but it is full of bugs and will not run javAPRS. That means it is coming though...either be patient and wait for Netscape to shake the bugs out or go to Windows95

Steve K4HG

-----

Date: Sat, 30 Nov 1996 12:28:16 -0600  
From: "Bruce W. Martin" <martinbw@telalink.net>  
To: rafoster@sig.net (Dick Foster), aprssig@tapr.org  
Subject: Re: Registration number for Vanity Call  
Message-ID: <9611301228.AA16817@oscar.telalink.net>

> To: Bob Bruninga or other APRS representative  
>  
> I am a paid up / registered user of APRS under the call sign W2IE  
> with registration number 12122.  
>  
> I have recently received my 5th district Vanity call W5TA.  
> The 12122 registration number will not work with this call.  
> Please give me a number that will work.  
>  
> Since I am probably not the only one encountering this problem, you  
> may want to post something at "aprssig".  
>  
> Will appreciate a prompt reply.  
>  
> Thanks,  
> Dick Foster W5TA (formerly W2IE).  
>



If you check the registration documentation you will find that there is a \$7 fee for a change of callsign. Bob has already posted that info in a previous message to the sig. My club recently got a Vanity call and i need to send in the request and \$. Bob's kids get the job of going through this process and issuing registration numbers so that Bob can concentrate on updates to APRS.

73

Bruce

--

```
*****
* Bruce W. Martin           Internet: martinbw@telalink.net *
* 4558 Brooke Valley Dr.    HAM Call: KQ4TV                 *
* Hermitage TN 37076-2650   Voice: (615) 872-7733           *
* FAX/MODEM: (615) 872-0045 APRS:3610.50N/08635.50W         *
* "Being a Mac user is like being a Navy SEAL: a small, elite *
* group of people with access to the most sophisticated      *
* technology in the world, who everyone calls on to get the  *
* really tough jobs done quickly and efficiently."           *
* -- Nick Lehmann                                               *
*****
```

-----

Date: Sat, 30 Nov 1996 13:32:58 +0000  
From: "Sam Nabkey, K8SN" <snabkey@k8sn.org>  
To: aprssig@tqpr.org  
Subject: WIN95 and 77E.  
Message-ID: <199611301835.MAA26327@tqpr.org>

Anybody having trouble? I cannot get 77e to work with my 95 Box.. I have tried everything.

Here are the problems:

1. Won't read the config file.. EVEN if I save it from scratch using the ALT-S Save command. (vice using the 77d setup currently in place.)

2. The COM ports forget to work. I can't find the TNC.

Anybody else running into this problem?

-----  
Sam Nabkey - K8SN (at home)  
Internet: snabkey@k8sn.org  
amprnet: k8snaw8dc.ampr.org  
WWW: http://www.k8sn.org  
AX.25: K8SNaw8DC.#SWMI.MI.USA.NOAM  
Java APRS: http://www.k8sn.org/javAPRS  
Fresh APRS Files: FTP ftp.k8sn.org

-----  
Date: Sat, 30 Nov 1996 13:44:17 -0500  
From: "Tom Carpenter" <wb8vji@tir.com>  
To: <aprssig@tapr.org>  
Subject: Re: Netscape and Java  
Message-ID: <199611301846.NAA29216@tir.com>

You cannot run java on win 3.11 it has to be a 32 bit environment like Win95.

Good luck Tom

-----  
> From: KB2SCSJBaaol.com  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6847] Netscape and Java  
> Date: Saturday, November 30, 1996 11:25 AM  
>  
> Hi To all  
> A few weeks ago some one wrote how there system  
> (win 3.1 netscape 3.0) seemed to be Java scrpt enabled but the box  
> to make it java enabled was unchecked and grayed out. So the java  
enabled

> box could not be checked.  
>  
> I have the same problem. When I go to Bob's home page his dish ant flash  
> showing me that I am java script enabled. When I go to His aprs map  
Nothing  
> that is supposed to happen happens.  
>  
> I am running win 3.1, Netscape 3.0, on a 486 33mhz With 4 meg of memory.  
>  
> MY question is. Why is the java enabled box in netscape grayed out?  
> Is it because of the fact that with 4meg ram I do not have enough mem to  
run  
> Java  
> or is it because I am not running win 95?  
>  
> Or some other reason I have not thought of yet.  
>  
> Thank you for your help. 73 de John  
>  
> E-mail KB2SCS@aOL.COM  
> Packet KB2SCS@KC2FD.#NLI.NY.USA.NA  
>

-----

Date: Sat, 30 Nov 1996 18:53:26 GMT  
From: rkramer@mergetel.com (Ron Kramer)  
To: aprssig@tapr.org  
Subject: Re: CFIGxxx.APR and new Upgrades?  
Message-ID: <32ac8246.738268863@mail.mergetel.com>

On Sat, 30 Nov 1996 06:44:35 -0600 (CST), you wrote:

>  
>Did I miss a step someplace along the way? I have looked thru the =  
readme=20  
>files and do not see anything about another change to the CFIG file =  
since=20  
>we changed it to 77d.  
>  
>Bud (WB4LTF)  
>

Add line 47 to original cfig77d.apr to make it work with 77E

Line 47:> 0,0,0

This is to correct for the 12 unproto line.

73 de Ron

Best Regards

Email: rkramer@mergetel.com

ve3mx@mergetel.com

Packet: ve3mx@ve3snp

-----

Date: Sat, 30 Nov 96 12:25:14 PST

From: ko6xs@ko6xs.ampr.org

To: aprssig@tapr.org

Subject: Re: Starting WinAprs' HSP mode

Message-ID: <9153@ko6xs.ampr.org>

The hsp adapter I am using with WINAPRS is an AEA adapter.

73 de Jonathan

-----

Date: Sat, 30 Nov 96 17:52:46 -0500

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Subject: Log File of Cross Country Trip

Message-ID: <199611302252.RAA04721@newworld.bridge.net>

I had procrastinated long enough to finish work on the web page replaying my cross-country trip of a couple months ago. Since QST published the URL in the December issue, I decided I better get it done! It is now ready:

<http://www.bridge.net/~sdimse/trip.html>

The page includes a few pictures, and a javAPRS applet replaying the trip. The original log files were over 4 MB. I wrote a filtering program to remove all non-position report packets like messages, beacons, and IDs, and to remove duplicate packets, such as digipeated packets and reports with too great a frequency. The result is still large, 1 MB, but loads quicker into javAPRS. The program takes about 10 minutes to replay the entire trip, your speed will depend on your CPU and the speed of the network connection.

I have put a zipped version (210kb) of the data file on the TAPR server

Date: Sat, 30 Nov 1996 18:23:24 -0500  
From: Jeffrey Greer <KF4GKH@postoffice.worldnet.att.net>  
To: aprssig@tapr.org  
Subject: Re: WinAPRS Map Display  
Message-ID: <19961130232308.AAA7332a@LOCALNAME>

At 03:43 PM 11/30/96 +0000, you wrote:  
>Make sure that the MONITOR command is turned on!!  
>

After knowing the proper direction to look, I found that the AEA TNC was initializing in the "beginner" mode. I de-selected the AEA button in the APRS TNC setup screen and then entered the commands for headerln off, monitor on, and echo on manually. Everything works now. I'm on the air!

Thanks for all of the responses. As usual, the amateru community came to the rescue.

73 Jeff WD4ET

-----

Date: Sat, 30 Nov 1996 18:41:39 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: aprssig@tapr.org, bitbucket@primenet.com  
Subject: GPS Navigation using sound capable notebook  
Message-ID: <849397299-0-eac@shore.net>

Hello,

I am kinda interested in this due to my travels to the U.K. There is a company that offers a GPS map program with voice output. It is interesting in that it can handle scanned in maps as it uses BMP format. The full blown package is mucho pounds but the "lite" version sounds interesting.

<http://ourworld.compuserve.com/homepages/gpss/>

73 Eric eac@shore.net WB1HBU

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Date: Sat, 30 Nov 1996 21:55:27 -0500

From: "Don Murray" <james-m@ix.netcom>  
To: <aprssig@tapr.org>  
Subject: Re: Colors on WinAPRS  
Message-ID: <199612010255.SAA16362@dfw-ix10.ix.netcom.com>

Thanks, I guess that reply saves me \$60.00.

Don

-----  
> From: Mark Sproul <sproul@ap.org>  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6855] Re: Colors on WinAPRS  
> Date: Saturday, November 30, 1996 12:35 PM  
>  
> >I have just recently downloaded the WinAPRS and so far like what I see  
with  
> >one exception.. The screen/map colors... Is there anyway to change  
> >them??? That white map background works on me, I would love to be able  
to  
> >set this to black or some other dark background if at all possible..  
> >  
> >Any and all suggestions will be greatly appreciated..  
> >  
> >Thanks  
> >Don  
>  
>  
>  
> No, WinAPRS does not allow changing of the background colors, but then  
> neither do very many Windows programs.  
>  
> Mark Sproul  
> WinAPRS author  
>  
>

-----  
> Mark Sproul |Amateur Radio: KB2ICI  
> Software Engineer @ Assoc Press |  
> sproul@ap.org |Work: 609-860-7120  
> North Brunswick, NJ |Fax: 609-860-7129  
> http://msproul.rutgers.edu/  
>

>  
>

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End of APRSSIG Digest 787

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From aprssig@tapr.org Sun Dec 01 19:29:38 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1668 ; Sun, 01 Dec 96 19:04:25 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id VAA20596; Sun, 1 Dec 1996 21:01:39 -0600  
(CST)  
Date: Sun, 1 Dec 1996 21:01:39 -0600 (CST)  
Message-Id: <199612020301.VAA20596@tapr.org>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6883] APRSSIG digest 788  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Status: R

APRSSIG Digest 788

Topics covered in this issue include:

- 1) Request help with GPS/KPC3 decision  
by John Bayne <jjbayne@worldnet.att.net>
- 2) trimble pcmcia gps  
by George Kammerzell <gkammerzell@denver-net.com>
- 3) APRS in Wecagram  
by Alan Crosswell <alan@watsun.cc.columbia.edu>
- 4) PacComm Kudos (was: PicoPacket w/ internal GPS)  
by Arte Booten <N2ZRC@gnn.com>
- 5) Delorme Tripmate



- by Irvin Feldman <irvinfa11.net>
- 6) Re: PacComm Kudos (was: PicoPacket w/ i  
by schiers@ames.net
- 7) Re: Log File of Cross Country Trip  
by schiers@ames.net
- 8) Re: PicoPacket w/ internal GPS  
by Richard Parry <rparry@qualcomm.com>
- 9) Re: Starting WinAprs' HSP mode  
by Joe Agrelo <jagrelo@cris.com>
- 10) Re: PacComm Kudos (was: PicoPacket w/ i  
by Roger Selers <rsellers@rockford.com>
- 11) Re: Log File of Cross Country Trip  
by "John B. Leonard, Jr" <jleonard@tbcnet.com>
- 12) Help with Baycom setup.  
by "Carl " <ke6foa@elite.net>
- 13) MIM & MIC-E  
by "William B. Bliss/WB6LPG" <wbliss@coastside.net>
- 14)  
by smithal@ix.netcom.com (Arthur L. Smith)
- 15) Re: Help with Baycom setup.  
by rwf@mindspring.com
- 16) Re: APRS SIG Sign-up  
by gerardo arias <hk3gal@ibm.net>

-----

Date: Sat, 30 Nov 1996 22:41:40 -0500  
From: John Bayne <jjbayne@worldnet.att.net>  
To: aprssig@tapr.org  
Subject: Request help with GPS/KPC3 decision  
Message-ID: <2.2.16.19961201034140.359fde54@postoffice.worldnet.att.net>

Hi folks,

This is my first post to this list. My call is N4EEB and I'm in Ormond Beach, FL. I'm working on GPS tracking projects for the Civil Air Patrol here in Florida. I have a KPC3 running the ver 6.0 rom. I am going to invest in a professional grade mapping program soon, probably VISTA for search and rescue work. I am interested in getting your suggestions on a GPS receiver (no frills, no display) for use in an aircraft (120 its plus) and in a car, that would be a good match for the KPC3. I'd like to find one that does not require an initio string from the TNC prior to the unit sending NMEA 0183 ver 2.0 output. I'd also like one will all of the nmea

2.0 sentences. I was considering the Delorme Tripmate, but don't like the idea of the unit having to be powered up for 5 seconds and then dependant on an init string. Does anyone have any suggestions for me?

I would really like to use APRS, but from what I've seen (and I could be very wrong on this) the available maps do not support the level of precision needed to manage a serious SAR mission. I need the ability to toggle between sectional aeronautical charts, road maps, and topo maps. Vista is the only program that I have found that allows this. I also need to create overlays (such as the CAP grid system) for the maps. If anyone can comment on this too, I'd appreciate it.

Thanks in advance,

John Bayne N4EEB  
jjbayne@worldnet.att.net

-----

Date: Sat, 30 Nov 1996 21:15:26 -0700  
From: George Kammerzell <gkammerzell@denver-net.com>  
To: aprssig@tapr.org  
Subject: trimble pcmcia gps  
Message-ID: <32A1065E.3F31@denver-net.com>

Has anyone out there used a trimble pcmcia gps with aprs..DOS or Windows...I have one(thru a hand me down note book) and the only thing I have been able to use it thih is it's control pannel...From what I understand from talking with the great customer support at trimble , one has to write their own shell and they want \$380 for their SDK that is just a collection of source code segments...would like to make use of this thins,,,,,thanks....George  
N0ZED...gkammerzell@denver-net.com

-----

Date: Sat, 30 Nov 96 23:57:02 EST  
From: Alan Crosswell <alan@watsun.cc.columbia.edu>  
To: aprssig@tapr.org

Subject: APRS in Wecagram

Message-ID: <CMM.0.90.4.849416222.alan@manila.cc.columbia.edu>

[begin tooting own horn]

See <http://www.weca.org/wecagram/9612>

[end tooting own horn]

73 de Alan N2YGK

-----

Date: Sun, 01 Dec 1996 09:39:58

From: Arte Booten <N2ZRC@gnn.com>

To: aprssig@tapr.org

Subject: PacComm Kudos (was: PicoPacket w/ internal GPS)

Message-ID: <199612011440.JAA27441@mail-e2b.gnn.com>

Hi All,

On Sat, 30 Nov Ralph wrote:

>... I've made suggestions to Kantronics as to improvements,  
>but the responses I have received from them indicate that  
>what we have is what we will continue to have.

>

>Not so with Paccomm. The Company is very in tune with APRS  
>and gives us way more support than any other I have seen.  
>... They (Paccomm) are always adding features ... Remember  
>that Paccomm's main business is commercial TNCs and Vehicle  
location, so we Hams benefit from all the development they do  
>for that market. This is a case where a person's hobby (Ham  
>packet) became a business and now the business developments  
>help give something back to the Hams.

Back when I was just toying with the idea of getting a GPS unit and I was relatively new to the SIG, I was very favorably impressed with the helpfulness, support and obvious love of concern Gwyn showed us in his posts and responsiveness to the needs, desires, wishes and (sometimes) whims of APRS users. I wrote him expressing this and said that I'd rarely seen such a level of hands-on person-to-person touch from ANY other amateur radio equipment manufacturer. Indeed, not from almost any business in any field.

They make an excellent product that is supported far and beyond that of one's normal expectations of a business. I said that this was a refreshing, delightful change from the norm of today's "Hey, you bought it. Now live with it and stop asking so many weird questions," attitude prevalent in today's make-a-buck, downsized, cold and impersonal business attitude.

In other words, this was the way I'd like to run my own business and how I wish everybody ran theirs. I'm in retail sales and recognize that such an attitude is the key to repeat customers. If you treat the customer with respect, offer them the knowledge they need, occasionally absorb a few bucks of profit to make sure they'll come back then they will.

Gwyn and Linda (and their employees), in my mind, exemplify the "American Dream" of making and growing a business while keeping a pulse on their customers' needs and throwing in that "extra something" that makes their business special, that makes them stand far and away ahead of the crowd.

BTW, I don't work for them either. Haven't been paid for the above (or otherwise renumerated.) I'm just one of their very satisfied customers.

And congratulations, Linda! I'm sure you know that you can connect to the QRZ website ([www.qrz.com](http://www.qrz.com)) and get your new call there several days before the ticket arrives in the mail. With the current FCC rules, as soon as you KNOW what your call-sign is you can get on the air (you no longer need to physically possess the ticket!)

One of the things I do (on behalf of our ARRL Division Director) is send radiograms to new hams welcoming them to the hobby. So here's yours:

"WELCOME TO OUR GREAT FRATERNITY  
SPEND TIME EXPLORING THE MANY  
EXCITING FACETS OF OUR HOBBY  
CONTACT YOUR LOCAL CLUB AND GET INVOLVED  
WE STAND READY TO ASSIST YOU 73"

Unfortunately, I don't know your call. When I send these radiograms, I've been supplied with the daily FCC updates, thus the ham delivering the radiogram is, in most cases, informing the newbie of their callsign FOR THE FIRST TIME days before the paperwork arrives from Gettysburg. After all you've done for us, I wish I could give you this information. 73

Arte Booten <N2ZRC@gnn.com>  
(Packet Radio: N2ZRCaKB2VLX.#BRONX.NY.USA.NA)  
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

-----  
Date: Sun, 01 Dec 1996 09:09:23 -0500  
From: Irvin Feldman <irvinf@i1.net>  
To: aprssig@tapr.org  
Subject: Delorme Tripmate  
Message-ID: <199612011511.JAA23441@mail1.i1.net>

For everyones info, in the flyer I have from Computer City--Delorme Tripmate is on sale for \$130 until Dec 6.

Irv N0NOB  
irvinf@i1.net

-----  
Date: Sun, 01 Dec 96 09:11:45 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: PacComm Kudos (was: PicoPacket w/ i  
Message-ID: <199612011513.JAA17462@tapr.org>

In <913275@bbs.ames.net>, on 12/01/96 at 08:35 AM,  
aprssig@tapr.org said:

> Gwyn and Linda (and their employees), in my mind, exem-  
>plify the "American Dream" of making and growing a business  
>while keeping a pulse on their customers' needs and throwing in that  
>"extra something" that makes their business special, that makes them  
>stand far and away ahead of the crowd.

I couldn't agree more. They are first class in service and their products  
are outstanding. Based on my experience with their products and service,  
(tiny2, pico, gps antenna, etc.), I would not hesitate to recommend them.  
73,

hasan schiers, NOAN

-----  
schiers@ames.net  
-----

-----  
Date: Sun, 01 Dec 96 09:26:43 -0500  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: Log File of Cross Country Trip  
Message-ID: <199612011527.JAA18081@tapr.org>

In <912738abbs.ames.net>, on 11/30/96 at 04:43 PM,  
aprssig@tapr.org said:

><http://www.bridge.net/~sdimse/trip.html>

Just and FYI...I tried it last night and couldn't get it to  
load the dosAPRS map with the OS/2 applet which works fine  
with soeast.html

73,

hasan schiers, NOAN

-----  
schiers@ames.net  
-----

Date: Sun, 1 Dec 1996 07:36:44 -0800  
From: Richard Parry <rparry@qualcomm.com>  
To: aprssig@tapr.org  
Subject: Re: PicoPacket w/ internal GPS  
Message-ID: <v03007800aec755d0f2baa[129.46.92.34]>

Regarding what TNC/GPS to get, I will tell you that 2 weeks ago I ordered a PicoPacket. At \$555 it was a difficult decision, however, David said it all below. I felt that given the flexibility, the features, the size, and Paccomm support it was the right decision. It has not arrived yet however :)

>David-

>

>

>I have configured many trackers and use several myself, so I thought I'd  
>answer your message here in the SIG. Sorry that it is so lengthy but  
>there's a lot to say.

>

>Many TNC manufacturers make nice mobile TNCs, including the KPC-3 you  
>have. Most of them support some sort of stand alone GPS tracker mode as  
>well. I have several of them. I've made suggestions to Kantronics as to  
>improvements, but the responses I have received from them indicate that  
>what we have is what we will continue to have.

>

>Not so with Paccomm. The Company is very in tune with APRS and gives us  
>way more support than any other I have seen.

>

>In most stand alone trackers the GPS serial output is wired directly to  
>the TNC's serial input. This makes it difficult to use when you  
>occasionally want to run a PC in the car too. It can't be done without  
>rewiring the setup. Even then, unless you want to add a second serial  
>port to your PC, you must make or adapt an HSP (Hardware Serial Port)  
>adapter to allow you to use both the TNC and the GPS together with your  
>PC.

>

>Then when you want to go to Tracker mode again, you have to rewire and  
>issue the GPS command and power the TNC off and back on. The effort  
>discourages flexible operation.

>

>You asked about the Pico Packet. The Pico offers a several unique

>capabilities not found in any other TNC that makes it great for stand  
>alone tracker use. It can be gotten with a second serial connection  
>which is always connected to your GPS. The TNC is constantly receiving  
>the GPS data, holding it and then sending it to the PC as requested.

>

>Both DOS and WIN APRS support this mode by sending a special character to  
>the TNC when a position report is desired. The TNC stops sending TNC  
>data for a moment, substituting the desired GPS string. I have had  
>perfect operation with intervals as short one second (the quickest APRS  
>will request it). I use this fast operation when updating maps with GPS  
>history.

>

>Because the GPS is always connected to the second serial port, the Pico  
>can do another unique trick. Since the Pico knows APRS is operating  
>because of the periodic position requests sent to it, it can tell if you  
>take the PC away or the PC battery dies or otherwise. After a user  
>controllable period of having no requests from the PC, the Pico  
>reconfigures itself right into a stand alone tracker. It then uses  
>beacon path and interval settings that you have pre loaded . Your entry  
>in the APRS P list even gets changed to a / prefix (indicating a  
>tracker) from an @ symbol (which indicates that a computer is controlling  
>the positions). Your Icon on everyone's map also changes color to that  
>of a tracker. I think this is light gray, but can't remember.

>

>I've tried trackers made from every TNC I can find and really believe  
>that these features currently make the Pico the best arrangement for a  
>mobile unit. Be sure to get the one with the second serial port.

>

>To be fair, I have to blast them a little for not yet having remote sysop  
>commands (even the PK12 from AEA has a limited way to do this. Very  
>limited, though!) They (Paccomm) are always adding features, so I am  
>expecting remote commands and automatic posit rate control based on speed  
>to be forthcoming soon. Remember that Paccomm's main business is  
>commercial TNCs and Vehicle location, so we Hams benefit from all the  
>development they do for that market. This is a case where a person's  
>hobby (Ham packet) became a business and now the business developments  
>help give something back to the Hams (continued development).

>

>One last thing- the Pico is also available with a built in GPS and  
>external active antenna. Up until recently, the GPS did not send the  
>\$GPRMC sentence that gives speed and heading info. As an example of  
>Paccomm's excellent user support they are going to be upgrading earlier  
>versions of the GPS that lacked this and other sentences.



>  
> I'm sure you can get more details from gwyn@paccomm.com.  
>  
>Gosh... it sounds like I work there. I don't ! I just feel that they  
>currently give a level of user support unseen from other TNC  
>manufacturers. My only other connection is that I gave Linda (Ms.  
>Paccomm) a ride to the Amateur testing sessions at the Tampa Hamfest last  
>Saturday. That's right- soon she'll be a Ham too. So congratulate and  
>encourage her when you call to place your order ;-)  
>  
>  
>73  
>  
>Ralph  
>rwf@mindspring.com  
>  
>  
>  
> David/Roxanne McCarthy writes:  
>>I am considering getting a second TNC. I currently have a KPC-3 and  
>like the way it works. I want to put together a tracker and wonder if  
>the PicoPacket with internal GPS would be the way to go. Any feedback  
>>about the performance about the PicoPacket with or without internal GPS  
>will be appreciated. Thanks in advance.  
>>--  
>>David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ

-----  
Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B  
Globalstar/Gateway Reverse Link Software Engineer  
Internal Web -> <<http://qcwww/~rparry>>  
External Web -> <<http://www.qualcomm.com/~rparry>>  
-----

-----  
Date: Sun, 01 Dec 1996 11:49:30 -0800  
From: Joe Agrelo <[jagrelo@cris.com](mailto:jagrelo@cris.com)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Re: Starting WinAprs' HSP mode

Message-ID: <32A1E14A.25D4@cris.com>

ko6xs@ko6xs.ampr.org wrote:

>

> GM all,

> Hope Turkey day was good for u.

> Finally got a chance to play with WinAprs 116. I'm trying to setup a complete

> tracking station in my car using a laptop, Garmin 45, KPC-3 TNC and a Kenwood

> th79ad HT. But when I enable HSP mode in the "settings-serial port" command,

> I get a strange dialog box error message: "Can't SetControlLines. Function pointer is nil" I've never seen that one. Can anyone help me get this setup

> running?

> Any help at all would be appreciated.

>

> 73s de Jonathan

> ko6xs@ko6xs.ampr.org

Jonathen,

I had the same problem this weekend when I went to use the HPS mode. The problem

is that you need the latest .DLL files included with WinAPRS 1.1.7

update, the new

serial .DLL file enables the "setcontrollines" command to work with the DTR line used for the switch.

Thanks to Mark Sproul for the solution to this problem over the weekend.

Hope this helps.

73 De Joe N200C-7

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Date: Sun, 01 Dec 1996 12:39:31 -0600

From: Roger Selers <rsellers@rockford.com>

To: aprssig@tapr.org

Subject: Re: PacComm Kudos (was: PicoPacket w/ i  
Message-ID: <3.0.32.19961201123929.0068b248@rockford.com>

Hi Ralph,

In reference to your message to Linda at Paccomm. Nice post!

It's good to see some hams can still offer a kind word and assistance to others. Locally here there's so many problems. You can't hardly say anything to someone in the ham community without causing a rift somewhere. Makes me kinda wish I lived in your part of the country. I think it's great to see an optimist on the sig.

73,

Roger Sellers KB9LBU  
email: Home rsellers@rockford.com  
KB9LBU@juno.com  
Work rsellers@snds.com

-----

Date: Sun, 01 Dec 1996 13:34:02 -0600  
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>  
To: aprssig@tapr.org  
Subject: Re: Log File of Cross Country Trip  
Message-ID: <1.5.4.32.19961201193402.006cd4e8@tbcnet.com>

I saw it...and WOW!!!!

It's incredible how many APRS stations there are in the US and S Canada!

jbl

At 09:32 12/1/96 -0600, you wrote:

>In <912738@bbs.ames.net>, on 11/30/96 at 04:43 PM,

> aprssig@tapr.org said:

>

>><http://www.bridge.net/~sdimse/trip.html>

>

>Just and FYI...I tried it last night and couldn't get it to

>load the dosAPRS map with the OS/2 applet which works fine

>with soeast.html

>

>73,

>

>hasan schiers, NOAN

>-----

>schiers@ames.net

>-----

>

-----

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com

WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

American Red Cross Disaster Services - DeKalb Co Chapter

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Date: Sun, 1 Dec 1996 14:15:04 -0800

From: "Carl " <ke6foa@elite.net>

To: <aprssig@tapr.org>

Subject: Help with Baycom setup.

Message-ID: <199612012213.0AA01175@almond.elite.net>

Help will be getting a baycom TNC, and need to know if it is set up for APRS is the same as AEA KAM or other, and if there are any special tricks, this will be used with Garmin GPS.

Thanks Carl, KE6FOA

73's

-----

Date: Sun, 1 Dec 1996 15:33:56 -0800

From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>

To: aprssig@tapr.org

Subject: MIM & MIC-E

Message-ID: <199612012333.PAA24164@poseidon.coastside.net>

ATTN Siggers..

Browsing some of the APRS WEB home pages, mentioned here on the sig, and notice a lack of referrels to the MIM or MIC-E APRs capabilites.

Clements WEB Page

"http://home.navisoft.com/agrelo/clement.htm"

is loaded with very interesting information, pictures and data on the Mim and Mic-E miniature boards, and the new Ver 2.0 surface mounted even smaller miniature TNC board.

May I suggest next time you HOME WEB PAGERS, upgrade your net info, you mentioned and give a small discription and the URL for the MIM/MIC-E products.

Could very will stir up more interest in APRS. A recent QST magazine even has a New Products article on the Mim chip.

P.S. for good black backgrounded maps, check out the DOS APRS VERSION OF APRS MAPS...Many outstanding maps of the USA areas.

73's & Enjoy, Bill/WB6LPG  
NNNN

WBB/WB6LPG

-----  
Date: Sun, 1 Dec 1996 16:47:01 -0800  
From: smithal@aix.netcom.com (Arthur L. Smith)  
To: aprssig@tapr.org  
Message-ID: <199612020047.QAA19813@dfw-ix2.ix.netcom.com>

TO ALL ON THE SIG:

I have accepted a new challenge (job) in Landstuhl Germany. The "RELAY" at my QTH, N39°37'01.5" / W104°45'41.2", on 145.79, will be off the air effective 12/9 until I return, and I will also un-subscribe before I leave. If I get a recipocal license I will try to initiate APRS in Germany from my QTH and vicinity . When I learn my new email address I will probably re-subscribe to the SIG, but unfortunately, none of the major players here in the states - Prodigy, AOL, Compuserve, Netcom, June, etc. - have points of presence(POP)connection in Germany! I will probably have email at work, but it probably will not be possible for me to subscribe to the SIG due to the volume of postings.

I am taking my APRS, 2m and HF gear with me if I get the license in time, so maybe you will see me on 10.151 mhz. I requested info from ARRL

on the 22nd but have had no answer yet on the license.

Art, KB1TX  
at least for now - smithal@ix.netcom.com

-----

Date: Sun, 01 Dec 1996 20:38:30 -0500  
From: rwf@mindspring.com  
To: aprssig@tapr.org  
Subject: Re: Help with Baycom setup.  
Message-ID: <3.0.32.19961201203641.007241f8@mindspring.com>

Sorry, Carl-

Unless Baycom has come out with a TNC (I don't think so), you are out of luck right now. A Baycom is not a TNC- its only the Modem part of a TNC. The unit relies on software in your PC to do the rest of the job. It will not work with any version of APRS that is currently out here.

I recall a message from someone who (I think) mentioned that he was working on a program that uses APRS protocols and I think he mentioned a Baycom.

Go ahead and spring for a low cost regular TNC. You'll be able to stay on the map with APRS even when the computer is off.

Ralph- N4NEQ

At 04:18 PM 12/1/96 -0600, you wrote:  
> Help will be getting a baycom TNC, and need to know if it is set up  
>for APRS is the same as AEA KAM or other,  
<snip>

-----

Date: Sun, 01 Dec 1996 21:16:14 -0500  
From: gerardo arias <hk3gal@ibm.net>  
To: aprssig@tapr.org  
Subject: Re: APRS SIG Sign-up  
Message-ID: <32A23BEE.1891@ibm.net>

>  
> "  
>  
>  
>  
>  
> "unsubscribe aprssig Gerardo , Arias. "  
>  
>>  
>

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End of APRSSIG Digest 788

\*\*\*\*\*

From aprssig@tapr.org Mon Dec 02 21:29:06 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1695 ; Mon, 02 Dec 96 21:03:02 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id VAA27986; Mon, 2 Dec 1996 21:07:52 -0600  
(CST)  
Date: Mon, 2 Dec 1996 21:07:52 -0600 (CST)  
Message-Id: <199612030307.VAA27986@tapr.org>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6898] APRSSIG digest 789  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Status: R

APRSSIG Digest 789

Topics covered in this issue include:

- 1) Re: Registration number for Vanity Call  
by Bob Bruninga <bruninga@nadn.navy.mil>

- 2) What is a boy to choose  
by Dave Taylor <73563.3352@CompuServe.COM>
- 3) Re: What is a boy to choose  
by Mark Sproul <sproul@ap.org>
- 4) APRS77e and config  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 5) APRSdos compressed maps  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 6) Re: What is a boy to choose  
by Steve Dimse <sdimse@bridge.net>
- 7) Re: APRSdos compressed maps  
by Steve Dimse <sdimse@bridge.net>
- 8) Re: javaAPRS vs WinAPRS vs dosAPRS  
by Mark Sproul <sproul@ap.org>
- 9) WB0WNNX-7 Schedule  
by Dave Kaplan <dkaplan@pionet.net>
- 10) Re: javaAPRS vs WinAPRS vs dosAPRS  
by Steve Dimse <sdimse@bridge.net>
- 11) Re: WB0WNNX-7 Schedule  
by Jim Duncan <ku0g@sprynet.com>
- 12) SE Alabama Digi  
by BordingK@aol.com
- 13) Tripmate init string?  
by Kevin Kelly <kkelly@radix.net>
- 14) RE: Tripmate init string?  
by Larry Griffin <largriff@swta.com>
- 15) Re: WB0WNNX-7 Schedule  
by Dave Kaplan <dkaplan@pionet.net>

-----  
Date: Mon, 2 Dec 1996 09:48:06 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: Registration number for Vanity Call  
Message-ID: <Pine.GS0.3.95.961202094624.1123G-100000@arctic>

On Fri, 29 Nov 1996, Dick Foster wrote:

> I have recently received my 5th district Vanity call XXXXX  
>  
> Since I am probably not the only one encountering this problem,  
> you may want to post something at "aprssig".



APRSdos REPLY/COMMENT: The subject is covered in both REGISTER.txt and in the F1-HELP-VALIDATION help screen. Well, at least I think it is, hi hi...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: 02 Dec 96 10:00:48 EST

From: Dave Taylor <73563.3352@CompuServe.COM>

To: aprssig <aprssig@tapr.org>

Subject: What is a boy to choose

Message-ID: <961202150047\_73563.3352\_FHD43-2@CompuServe.COM>

Hi

I have been fooling around with both aprs75c and winaprs117. Is there a document which outlines the feature differences between these packages and also between javaaprs. From my testing I seem to like winaprs but aprs seems to have different features. Also how can I get better maps. I have rand mcnally streetfinder and it would be interesting to convert those maps for aprs use. I will also be getting the delorme kit which includes the gps. any ideas to improve map granularity would be appreciated.

Thanks

Dave

N1fcc

-----

Date: Mon, 2 Dec 1996 10:33:38 -0500

From: Mark Sproul <sproul@ap.org>

To: aprssig@tapr.org

Cc: 73563.3352@compuserve.com

Subject: Re: What is a boy to choose

Message-ID: <v03007805aec8a69614ec@[165.1.27.20]>

>Hi

>

>I have been fooling around with both aprs75c and winaprs117. Is there a  
>document which outlines the feature differences between these packages and  
>also

>between javaaprs. From my testing I seem to like winaprs but aprs seems  
>to have

>different features. Also how can I get better maps. I have rand mcnally  
>streetfinder and it would be interesting to convert those maps for aprs  
>use. I

>will also be getting the delorme kit which includes the gps. any ideas to  
>improve map granularity would be appreciated.

>

>Thanks

>

>Dave

>N1fcc

The intention of Mac/WinAPRS is to have all of the functionality of APRS, I feel that we do have MOST of them. We do not have support for meteor scator or space mode and are probably not going to implement them anytime soon.

We have a CD-ROM full of maps down to the street level and we have been making more maps for people if they are not on the CD-ROM.

These maps for WinAPRS are down to the street level, VERY detailed and some very large.

I am working on documentation for WinAPRS a lot lately and will be adding some feature comparison info mainly for people used to APRS so they can find the equivalent in WinAPRS, this wont be done for awhile yet.

Mark

---

Mark Sproul | Amateur Radio: KB2ICI  
Software Engineer @ Assoc Press |

sproul@ap.org | Work: 609-860-7120  
North Brunswick, NJ | Fax: 609-860-7129  
<http://msproul.rutgers.edu/>

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Date: Mon, 2 Dec 1996 11:04:36 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: APRS77e and config  
Message-ID: <Pine.GS0.3.95.961202110059.1123R-100000@arctic>

I made a mistake in 77d which made it not save and load its config file properly. Hopefully I tried to fix that in 77e.

There seems to be lots of discussion, but if you start 77e from scratch (APRS77E/new) then all should be OK...

Some of the messages I have seen are confusing... If its still broke, tell me again... hi hi..

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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Date: Mon, 2 Dec 1996 12:02:54 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: APRSdos compressed maps  
Message-ID: <Pine.GS0.3.95.961202113726.2658A-100000@arctic>

For years, APRSdos maps could be saved in either a normal or compressed format. The advantage of the compressed format is that the file was about 50% as big and loaded twice as fast from disk. The disadvantage was that I had never finished fixing MAPFIX.exe to be able to TASK-OVERLAY and TASK-IMPORT directly from a compressed map. You had to uncompress it first.



-----  
Date: Mon, 2 Dec 96 14:29:06 -0500  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tapr.org>  
Subject: Re: What is a boy to choose  
Message-ID: <199612021929.0AA07282@newworld.bridge.net>

>>I have been fooling around with both aprs75c and winaprs117. Is there a  
>>document which outlines the feature differences between these packages and  
>>also  
>>between javaaprs. From my testing I seem to like winaprs but aprs seems  
>>to have  
>>different features. Also how can I get better maps. I have rand mcnally  
>>streetfinder and it would be interesting to convert those maps for aprs  
>>use. I  
>>will also be getting the delorme kit which includes the gps. any ideas to  
>>improve map granularity would be appreciated.  
>>  
>>Thanks  
>>  
>>Dave  
>>M1fcc

javAPRS is not intended as a competitor Mac/WinAPRS/dos. I would go nuts trying to match the feature sets in those programs, plus writing in Java provides some serious limitations, like no serial I/O! Interpreted Java is also very slow compared to compiled C used in Mac/WinAPRS and the compiled basic used in APRSdos.

Bob faces some serious limitations himself in programming APRSdos. Foremost is the dos limitations on 640k. Many of my MacAPRS maps are bigger than that, and all take more system memory when loaded (TSB [The Sproul Brothers] use triple buffering to speed up screen redraws for the maps). Java grabs 6 MBs on my system before it will even run a simple text applet. It is simply amazing how much Bob has been able to cram into APRSdos, espocially since, unlike TSB (or once upon a time myself), Bob is not a professional programmer. He would have been a great one! Unfortunately, bigger maps just aren't in the cards for APRSdos.

javAPRS likewise will never be able to open the large maps that Mac/WinAPRS support. It does, however, support a feature that allows it to display, on demand, a detailed street map of any area, obtained from

the census bureau's TIGER map site. There are some (for now) serious limitations with this. See:

<http://www.bridge.net/~sdimse/tiger.html>

for a sample and discussion of the problems.

Everyone's ideal is to use a CD rom and have the maps draw as quickly with as much detail. The programming skill required to jam an entire US ATLAS on a CD ROM is enormous, and the companies that have done this have an enormous investment in their program. They won't just tell us how it's done so we can decode the data within our programs. There is one bright spot on the horizon though, one of the companies (Precision Mapping) does provide a programming kit that may be able to be incorporated into one or more of the APRS family of programs. If it is done, you can bet it will be announced on the SIG.

In any case, the final choice between WinAPRS and APRSdos comes down to a matter of taste. I've been doing APRS for more than 4 years now. I liked the program so much I actually bought a PC just to run it (quite a concession for a Mac guy). But being a Mac guy it drove me nuts not to be in a windowed environment. I also hated the black background. (A couple days ago someone rather crisply criticized TSB for the lack of this option, but it is entirely a matter of what you are used to. I had never considered drawing javAPRS maps on a black background until I released it with a light background typical of Mac/Windows programs and was promptly roasted by the legions of users who are accustomed to APRSdos.) Mac/WinAPRS will eventually support almost all of what APRSdos does, but it is a matter of priorities. Remember that APRSdos has been around 5 years or so longer than WinAPRS, and be patient.

73 de Steve K4HG

-----

Date: Mon, 2 Dec 96 14:36:00 -0500  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tapr.org>  
Subject: Re: APRSdos compressed maps  
Message-ID: <199612021935.0AA08036@newworld.bridge.net>

>

>For years, APRSdos maps could be saved in either a normal or compressed  
>format. The advantage of the compressed format is that the file was about  
>50% as big and loaded twice as fast from disk. The disadvantage was that  
>I had never finished fixing MAPFIX.exe to be able to TASK-OVERLAY and  
>TASK-IMPORT directly from a compressed map. You had to uncompress it  
>first.

>

If you are planning to use maps with javAPRS, be sure to save a copy in  
uncompressed format, as javAPRS does not handle the compressed format. It  
may be twice as fast under APRSdos, but under java it would be slower. If  
enough of these maps are made I will update the program to handle them,  
but that will be a long time in the future, I have many other things to  
do the javAPRS and APRServe that are a much higher priority.

Steve K4HG

-----

Date: Mon, 2 Dec 1996 15:14:19 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Subject: Re: javaAPRS vs WinAPRS vs dosAPRS  
Message-ID: <v03007817aec8e6c52951a[165.1.27.20]>

-MUCH deleted

here here, very well said Steve, but you cant even get your own URL write,  
its

><http://www.bridge.net/~sdimse/tiger.html>  
>

not  
><http://www.bridge.net/~sdimse/tiger.html>  
>

(you had a / were a . belonged)

dosAPRS came out in september 1992  
MacAPRS came out in 1994

WinAPRS came out in early 96, so its 4 years, not 5  
X-APRS Hopefully will be out in 1997 (dont hold me to it)

xxxAPRS has evolved QUITE well over the last few years, Bob has done a wonderful job "marketing" the idea and getting it going in many aspects. Bob and us (The Sproul Brothers) have a very good relationship and work together on issues of protocol and compatibility which of course is paramount to our users. The future looks very good for all flavors, obviously as Steve pointed out, there will be some features that dos just cannot handle, but some laptops and other low-end machines just cant handle WinAPRS and some people just prefer dos. With the cooroperation that we have developed and the rather wonderful support we have from our followers things are looking very bright.

Mark

```
-----
Mark Sproul                |Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org              |Work: 609-860-7120
North Brunswick, NJ        |Fax: 609-860-7129
http://msproul.rutgers.edu/
-----
```

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Date: Mon, 2 Dec 1996 15:26:11 -0600
From: Dave Kaplan <dkaplan@pionet.net>
To: aprssig@tapr.org
Subject: WB0WNX-7 Schedule
Message-ID: <9612022126.AA28713@elwood.pionet.net>
```

Please remember, this is a tracker only. Running 2 watts into a rubber duck at an average of 16,000. Aircraft is Piper Mojave PA31P-350.

Tuesday Sioux City to Kansas City (Departing SUX 0700).

Wed Kansas City to Oklahoma City (Departing OJC 0630).

Thursday Oklahoma City to Kansas City to Sioux City. (departing Approx 1300)



Friday Sioux City to Cincinatti (Shrine Burn Hospital) to Sioux City.

Would appreciate any and all traks data files to be E-Mailed to me.

Dave

WB0W NX-7

Mojave Airmobile.

Listening 54 Simplex

-----

Date: Mon, 2 Dec 96 18:06:43 -0500

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Subject: Re: javaAPRS vs WinAPRS vs dosAPRS

Message-ID: <199612022306.SAA08412@newworld.bridge.net>

>here here, very well said Steve, but you cant even get your own URL write,  
>its

>

>><http://www.bridge.net/~sdimse/tiger.html>

>>

True, but at least I know the difference between right and write! ;-)

Thanks for the correction, and the future is indeed bright (so bright I gotta wear shades!)

Steve K4HG

-----

Date: Mon, 2 Dec 1996 15:16:59 -0800

From: Jim Duncan <ku0g@sprynet.com>

To: aprssig@tapr.org

Subject: Re: WB0W NX-7 Schedule

Message-ID: <199612022316.PAA24424@m1.sprynet.com>

We'll be watching throughout northwest Missouri tomorrow and look forward to working you direct. Which "54" do you mean???

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

-----

Date: Mon, 2 Dec 1996 19:22:34 -0500  
From: BordingK@aol.com  
To: aprssig@tapr.org  
Subject: SE Alabama Digi  
Message-ID: <961202192233\_1587689243@emout20.mail.aol.com>

1. Good to see the Wiregrass area of SE Alabama now on APRS.
2. WD4R0J appears to be up as a Wide digi in Enterprise, AL and the Florida Panhandle as well as Columbus, GA are now visible in central Alabama.

de KF4COH  
Ken (normally in Jax, but TDY at OZR!)

-----

Date: Mon, 02 Dec 96 19:49:27 -0500  
From: Kevin Kelly <kkelly@radix.net>  
To: "aprssig@tapr.org" <aprssig@tapr.org>  
Subject: Tripmate init string?  
Message-ID: <199612030053.TAA14121@news1.radix.net>

-- [ From: Kevin Kelly \* EMC.Ver #3.1 ] --

Greetings SIG

With all the excitement over the Delorme "Tripmate" (I got mine today) I thought you may find it useful to know that most all PacComm inc's have a command called GPSITEXT. It allows up to 40 characters to be sent to the attached GPS immediately after the packet controller is powered on. This command holds the setup command string to be sent via the asynchronous serial port to the attached GPS. There are no constraints placed on the content to the field by the packet controller except that the length not

exceed 40 characters. The TNC does need to be set to the GPS mode.

I am using the PacComm aftermarket GPS eprom for the Heathkit HK-21 pocket tnc.

Anybody out there know what the Init string for the tripmate is? Hopefully it isn't over 40 characters.

73,  
Kevin Kelly/N6QAB  
kkelly@radix.net

-----

Date: Mon, 2 Dec 1996 20:22:39 -0600  
From: Larry Griffin <largriff@swta.com>  
To: "'aprssid@tapr.org'" <aprssid@tapr.org>  
Subject: RE: Tripmate init string?  
Message-ID: <01BBE08E.972B5D40@red132.onramp.net>

Kevin wrote:

>Anybody out there know what the Init string for the tripmate is?

Kevin, here is a repost from WB1HBU

Hello,

The unit seems to lock on the satellites reasonably fast. I downloaded the New England area onto my laptop and the moving map display is neat.

I should also mention that this unit does not have any controls on it so it cannot be used for hiking, etc unless you tote another computer along.

I hooked it up to a comm analyzer and played a little. Communications are 4800 baud using ASCII characters so far. The serial port does not assert handshaking signals so hardware handshaking should not be used.

Power control appears to be the DTR line. Asserting DTR powers up the

unit and it sends three NMEA messages (PRWIRID, GPRMC, and PRWIZCH) then keeps sending a non-NMEA formatted character string until it receives a \$IIGPQ message with the character string. I was able to program a function key on the windows terminal to send the string and NMEA sentences poured out of the receiver.

NMEA messages begining with P are reserved for manufactuer's messages. RWI, I believe, is Rockwell International

The II prefix on the computer response message is the NMEA code for Intergrated Instrumentation. I cannot get a listing for what a GPQ message is. The "non-NMEA formatted message" may be a valid way for a device to hand off talking to another unit under NMEA. NMEA only allows one talker at a time.

Some of the NMEA sentences:

PRWIRID seems to contain number of channels, version number and software build date RID could be a nmemonic for Receiver ID

PRWIZCH twelve sets of what seems to be satellite PRN and a single digit code. Could be a channel status.

GPRMC, GPGSA, GPGGA, GPGSV Standard NMEA fare.

I need to log the output as no doubt almanac and other messages are sent. I also have a Garmin 45 and may set it up so I can log the output of both units and do some comparisons.

Wayne, WA2N/5 mentioned to me:

>Here's a good place for GPS info, NMEA specs and shareware:

> <ftp://sundae.triumf.ca/pub/peter/index.html>

> Also, check out the newsgroup sci.geo.satellite-nav

The newsgroup currently has discussions on SA 4.0 and Tripmate.

I have used several Delorme products for years. Street Atlas 1.0 was the reason I bought a CDROM Drive. I had a few problems with the software, but it is a great product that keeps getting better.

73 Eric eac@shore.net WB1HBU

-----  
Date: Mon, 2 Dec 1996 21:06:10 -0600  
From: Dave Kaplan <dkaplan@pionet.net>  
To: aprssig@tapr.org  
Subject: Re: WB0WNX-7 Schedule  
Message-ID: <9612030306.AA10807@elwood.pionet.net>

At 05:25 PM 12/2/96 -0600, you wrote:

>We'll be watching throughout northwest Missouri tomorrow and look forward  
to

>working you direct. Which "54" do you mean???

>

Small problem--I CAN'T FIND MY HANDHELD! Last time I used it was about a  
month ago. Could I have left it on the car top and driven away?

I will still be running the tracker but now looks like I will leave KC about  
1700 for OKC tomorrow evening rather than waiting for Wed AM.

Dave

-----  
End of APRSSIG Digest 789

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From aprssig@tapr.org Tue Dec 03 19:54:00 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1699 ; Tue, 03 Dec 96 19:19:50 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id VAA04091; Tue, 3 Dec 1996 21:15:04 -0600  
(CST)  
Date: Tue, 3 Dec 1996 21:15:04 -0600 (CST)  
Message-Id: <199612040315.VAA04091@tapr.org>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org

To: aprssig@tapr.org  
Subject: [APRSSIG:6923] APRSSIG digest 790  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Status: R

## APRSSIG Digest 790

Topics covered in this issue include:

- 1) Re: Tripmate init string?  
by "Eric A. Cottrell" <eac@shore.net>
- 2) X1J TheNet questions  
by vodall@juno.com
- 3) Virginia DIGI problem  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 4) Re: Colors on WinAPRS  
by "Don Murray" <james-m@ix.netcom>
- 5) Re: Colors on WinAPRS  
by Demos Doulou <ddoulou@gte.net>
- 6) Tripmate GPS unit  
by Mark Sproul <sproul@ap.org>
- 7) Re: Colors on WinAPRS  
by "Eric A. Cottrell" <eac@shore.net>
- 8) Re: Colors on WinAPRS  
by Steve Dimse <sdimse@bridge.net>
- 9) RE: Tripmate init string?  
by Ron Henderson <crh@hpcvscrh.cv.hp.com>
- 10) Re: trimble pcmcia gps  
by Chris Terwilliger <zoom@willow.sps.mot.com>
- 11) windows  
by Paul Plasters <PEPLASTERS@mail.rkd.snds.com>
- 12) Communicating with GPS  
by COMPTEC95013@camins.Camosun.BC.CA
- 13) Re: Delorme Tripmate  
by Don Pfister KA0JLF <donp@jerryc.tyrell.net>
- 14) Re: windows  
by Mark Sproul <sproul@ap.org>
- 15) re: windows  
by Jim Flanders <jimflanders@ti.com>
- 16) Re: Tripmate GPS unit  
by "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
- 17) Re: Delorme Tripmate

by rkliman@juno.com  
18) Re: Colors on WinAPRS  
by schiers@ames.net  
19) Re: Delorme Tripmate  
by "Eric A. Cottrell" <eac@shore.net>  
20) RE: Tripmate init string?  
by jkozak@aerols.com (John W. Kozak)  
21) RE: Tripmate init string?  
by Randy Hammock <hammock@wired.jpl.nasa.gov>  
22) re: windows  
by Bob Derderian <n2iph@cyberenet.net>  
23) BLNs received  
by WB9W0Z@aol.com  
24) Re: Got the Shirts  
by Glenn Little <glittle@awod.com>  
25) Variable Position Reporting Rate  
by "Bruce W. Martin" <martinbw@telalink.net>

-----  
Date: Mon, 02 Dec 1996 22:17:45 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: kkelly@radix.net  
Subject: Re: Tripmate init string?  
Message-ID: <849583065-0-eac@shore.net>

The init string is "\$IIGPQ,ASTRAL<cr/lf>", where <cr/lf> represent a carriage return and line feed characters. Also do not enter the " characters.

73 Eric Cottrell WB1HBU

-----  
Date: Mon, 2 Dec 1996 14:53:04 MST  
From: vodall@juno.com  
To: aprssig@tapr.org  
Subject: X1J TheNet questions  
Message-ID: <19961202.145308.4367.0.vodall@juno.com>

Is there any summary of how to configure an X1J node for digi use by APRS?

Is there any way to force the packets out the RS232 port instead of the HDLC port? It would be helpful if there was a way to send the packets up on one frequency of a node stack and have them come out another.

73,  
Bill - WA7NWP  
vodall@juno.com

-----  
Date: Mon, 2 Dec 1996 21:46:14 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Virginia DIGI problem  
Message-ID: <Pine.GS0.3.95.961202214403.25281D-100000@arctic>

While traveling to Charlottesville through Northern VA, I occasionally QSY'ed the 2m voice rig with the Mic-E over to 145.79 so that I could report my posit back home. What I heard in the Fredericksburg area was a WIDE digi with a TXD of at least a full SECOND! Can someone down there identify that and get the sysop to cut it back to something reasonable like 300 ms or less. It is cutting channel capacity in half in that area...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----  
Date: Mon, 2 Dec 1996 19:10:44 -0500  
From: "Don Murray" <james-m@ix.netcom>  
To: <aprssig@tapr.org>  
Subject: Re: Colors on WinAPRS  
Message-ID: <199612030618.WAA17803@dfw-ix11.ix.netcom.com>

Mark



My personal preference is for a black background. I like to leave the APRS screen up all the time, and find that a black background is easier to view. Grey would be little if any better than the current white screen. Please don't implement this change just for me. I fully well understand that you can not support all the requests that come into you, and understand that you have to establish programming priorities.

I also now see that my first impression about your concern for potential users and user of WinAprs was wrong. You evidently to concern yourself with their suggestions and wants..

I will keep checking the features list, and who knows maybe one of these days you can get caught up enough with the others features to make the changing of screen colors an option in WinAprs, and I will then give it another try..

Thanks  
Don

-----

> From: Mark Sproul <sproul@ap.org>  
> To: Don Murray <james-m@ix.netcom.com>  
> Subject: Re: [APRSSIG:6867] Re: Colors on WinAPRS  
> Date: Monday, December 02, 1996 2:04 PM  
>  
> >Yes, I don't intend to register or use your program simply because of the  
> >colors.. That white background places a strain on my eyes, and it makes  
> >all the other colors appear muddled. BTW I am using a NEC 2FGX monitor and  
> >there is nothing wrong with it..  
> >  
> >And to be quite honest with you mark, the manner in which you originally  
> >answered my question leads me to believe that you don't really care much  
> >for anyone suggesting that changes be made to your program.  
> >  
> >Now I may be wrong in my observation , and it really doesn't matter.  
You  
> >program it, you set it up the way you want it to look, and I, if I don't  
> >like the looks of it, will simply not purchase or use it.. Simple enough..  
> >

> >Good luck with your program, it has some real nice features (I  
particularary  
> >like the Weather window), but for me it has one major drawback that  
makes  
> >me disregard it out of hand..  
> >  
> >Don  
> >  
> >  
> >  
> >  
> Don  
>  
> First and foremost, I DO listen to requests from users and I sincerely  
> appologize if you got that impression, it was NOT inteneded.  
>  
>  
> I looked back at my responses and I dont see how you thought that but it  
> doesnt matter, your precipion of what I said is what matters and I did  
NOT  
> mean it that way. Please realize that I get over 100 emails a day and  
> sometimes answer them short and to the point. If you have been reading  
the  
> sig about WinAPRS you should have seen that over the last month or two I  
> have sent out EXPLICIT requests for input from users and there have been  
> SEVERAL things which have changed recently directly from user input.  
>  
> As I stated earlier, your request for background colors was the 2nd  
serious  
> request, there have been three others that have said "it would be nice",  
> thats a total of 5 requests. Dont get me wrong, I will consider it but  
> there are many other things that I have much higher requests for. Do you  
> specifically want BLACK or just something other than white (i.e. light  
> grey).  
>  
> >From the VERY BEGINNING of WinAPRS, I have strived to follow proper  
WINDOWS  
> programming conventions and user interface conventions, while I admit  
that  
> I dont have them all perfect, I am doing the best that I can.  
>  
>  
> Do you use Windows or primarily DOS? If you are using Windows, how have

> you gotten around white backgrounds in other programs? (maybe you know  
> something I dont that could help out here).  
>  
>  
> I am just getting started on the next major improvement which is MAP  
> DISPLAY OPTIONS, this would be EXACTLY where background color would be  
> setif I were to add that feature, if LIGHT GREY would do the trick for  
you,  
> where I can still draw text in black, I will try (not promise) to get in  
> the next release. If you really need BLACK, its going to be much harder  
> (as explained in my previous message).  
>  
>  
> I hope I have made it clear that I do listen and implement whats  
resonable  
> and most requested.  
>  
>  
> Sincerely  
>  
> Mark Sproul  
>  
>  
>

---

> Mark Sproul	Amateur Radio: KB2ICI
> Software Engineer @ Assoc Press	
> sproul@ap.org	Work: 609-860-7120
> North Brunswick, NJ	Fax: 609-860-7129
> <a href="http://msproul.rutgers.edu/">http://msproul.rutgers.edu/</a>	

>

---

>  
>

---

Date: Tue, 03 Dec 1996 02:48:42 -0500  
From: Demos Doulou <ddoulou@gte.net>  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <32A3DB5A.1107@gte.net>

Don Murray wrote:

>

> Mark

>

> My personal preference is for a black background. I like to leave the  
APRS

> screen up all the time, and find that a black background is easier to

> view. Grey would be little if any better than the current white screen.

> Please don't implement this change just for me. I fully well u

I to would like a black background. I also would like to be able to  
change the colors and fonts for all screens.

Demos KR4US

kr4us@amsat.org

Pinellas County RACES Radio Officer

-----

Date: Tue, 3 Dec 1996 09:14:42 -0500

From: Mark Sproul <sproul@ap.org>

To: aprssig@tapr.org

Subject: Tripmate GPS unit

Message-ID: <v03007802aec9e55642be@[165.1.27.20]>

I want everyone to know that Keith got the tripmate to work perfectly  
with Mac/WinAPRS, the next release (in about 2 weeks) will have full  
support for it. So for those people who have yet to write to Santa Clause,  
it will be a good stocking stuffer.

Mark

-----  
Mark Sproul | Amateur Radio: KB2ICI  
Software Engineer @ Assoc Press |  
sproul@ap.org | Work: 609-860-7120  
North Brunswick, NJ | Fax: 609-860-7129  
<http://msproul.rutgers.edu/>

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Date: Tue, 03 Dec 1996 11:13:03 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: ddoulou@gte.net  
Subject: Re: Colors on WinAPRS  
Message-ID: <849629583-0-eac@shore.net>

Hello,

I would think that the program would take on the default background from the color scheme so if you make the windows background black then that would do it. You would have to change some of the other colors like text to white.

73 Eric WB1HBU eac@shore.net

-----

Date: Tue, 3 Dec 96 12:23:45 -0500  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tapr.org>  
Subject: Re: Colors on WinAPRS  
Message-ID: <199612031723.MAA08726@newworld.bridge.net>

>I would think that the program would take on the default background from  
>the color scheme so if you make the windows background black then  
>that would do it. You would have to change some of the other  
>colors like text to white.

>

Actually, what I had to go through to do it in java was much more involved. Don't forget, the icons need to be different...for the white background many have a black border that disappears on a black background. Also many of the map colors do not show as well, and need to be adjusted. I would guess it would be even worse to do for Windows.

Personally, I like white, and I would rather see Keith and Mark work on something more important to the operation of the program.

Steve K4HG

-----

Date: Tue, 03 Dec 1996 9:36:46 PST  
From: Ron Henderson <crh@hpcvscrh.cv.hp.com>  
To: aprssig@tapr.org  
Subject: RE: Tripmate init string?  
Message-ID: <199612031736.AA060004606@hpcvscrh.cv.hp.com>

>With all the excitement over the Delorme "Tripmate" (I got mine today) I  
>  
>Anybody out there know what the Init string for the tripmate is? Hopefully  
>it isn't over 40 characters.

The simplified startup sequence is:

1. assert DTR - powers up unit.
2. Tripmate responds with it's poweron ID and then sends  
    ASTRALcrLf  
    ASTRALcrLf

Repeatedly until you respond with

ASTRALcrLf  
ASTRALcrLf

After sending the ASTRAL's, you can change the Tripmate's assumed  
position, date and time by sending the PWRIINIT string:

```
/*  
 * TripMate initialization String  
                   DDMM.sss   DDDMM.sss                   HHMMSS DDMMYY  
 * $PRWIINIT,V,,,4435.911,N,12315.536,W,100.0,0.0,M,0.0,T,015931,281196  
 */
```

The time is in utc. The N refers to north latitude, use S for south.  
The W refers to west longitude. Use E for east

The \*XX checksum can be added, but it's not necessary.

Ron WA7TAS (crh@cv.hp.com)

-----

Date: Tue, 3 Dec 1996 10:36:25 -0700 (MST)  
From: Chris Terwilliger <zoom@willow.sps.mot.com>  
To: aprssig@tapr.org  
Subject: Re: trimble pcmcia gps  
Message-ID: <Pine.SUN.3.91.961203102759.117H-100000@willow>

On Sat, 30 Nov 1996, George Kammerzell wrote:

> Has anyone out there used a trimble pcmcia gps with  
> aprs..DOS or Windows...I have one(thru a hand me  
> shell and they want \$380 for their SDK that is just  
> a collection of source code segments...would like

The SDK is more than just a collection of source code segments. It includes the necessary windows .dll's and sample code for Visual C/C++, Borland C/C++, and Visual Basic. This kit supports any TSIP compatible Trimble sensor including the PC110 and the SV6 family. Complete documentation is included. I have the kit and am working on some of my own applications.

To be used with APRS it would require the various software authors to include some minimal code in their application to control the PC110 card. It is a very nice receiver and works well. It's nice to have GPS built into your laptop...

Chris, AA7WD  
a229aa@email.mot.com

-----

Date: Tue, 03 Dec 1996 11:40:47 -0600  
From: Paul Plasters <PEPLASTERS@mail.rkd.snds.com>  
To: aprssig@tapr.org  
Subject: windows  
Message-ID: <s2a4122e.026@mail.rkd.snds.com>

Can I "gut" a windows program so as to make winaprs run faster? I want to run it in a mobile setup on a "286" laptop. What files does

WINAPRS need? Thanks, Paul WA9FFL wa9ffl@aol.com or  
aamfapp@snds.com

-----

Date: Tue, 03 Dec 1996 09:59:54 -0700 (PDT)  
From: COMPTC95013@camins.Camosun.BC.CA  
To: aprssig@tapr.org  
Subject: Communicating with GPS  
Message-ID: <01ICKI474GQA000TA0@camins.Camosun.BC.CA>

Hello

We have a serial connect from our computer and the Micrologic Admiral GPS  
In the data string coming in some correct data is visible but there is  
alot of corruption in the strings. Our baud rate is correct, the data  
strings are corrupted in both the Windows Terminal Program and DOS  
APRS. Is there something we are setting incorrectly, our parity is non,  
our stop bit is 1, and our data bits are set to 8. Thank you for your  
help.

Jennifer MacLean  
ve7ccd

-----

Date: Tue, 3 Dec 1996 12:01:56 -0600 (CST)  
From: Don Pfister KA0JLF <donp@jerrytyrell.net>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmate  
Message-ID: <Pine.LNX.3.91.961203115848.14396A-100000@jerrytyrell.net>

Well, I am somewhat confused. I have been reading this sig about the  
Tripmate. Some were saying something about an upgrade from Delorme,  
other's like this one.  
I have had V2 of Street Atlas for over a year (registered), and V3 for  
almost a month (also registered, not an upgrade) but haven't rec'd any  
kind of upgrade notice from them.  
Do I understand the 'street' price (Computer City) is as cheap as Delorme?

thanks and 73 de Don KA0JLF



On Sun, 1 Dec 1996, Irvin Feldman wrote:

> For everyones info, in the flyer I have from Computer City--Delorme  
> Tripmate is on  
> sale for \$130 until Dec 6.  
>  
> Irv NOBOB  
> irvinfa11.net  
>

-----  
Date: Tue, 3 Dec 1996 13:27:01 -0500  
From: Mark Sproul <sproul@ap.org>  
To: aprssig@tapr.org  
Cc: PEPLASTERS@mail.rkd.snds.com, wa9ffl@aol.com  
Subject: Re: windows  
Message-ID: <v03007808aeca20c83a38a[165.1.27.20]>

>Can I "gut" a windows program so as to make winaprs run faster? I  
>want to run it in a mobile setup on a "286" laptop. What files does  
>WINAPRS need? Thanks, Paul WA9FFL wa9ffl@aol.com or  
>aamfapp@snds.com

All you have to have is

WinAPRS.exe  
serthunk.dll  
ser16dll.dll

and some MAPS in the map folder

You do have to install Win32S

-----  
Mark Sproul | Amateur Radio: KB2ICI  
Software Engineer @ Assoc Press |  
sproul@ap.org | Work: 609-860-7120  
North Brunswick, NJ | Fax: 609-860-7129  
<http://msproul.rutgers.edu/>  
-----

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Date: Tue, 3 Dec 1996 12:44:37 -0600  
From: Jim Flanders <jimflanders@ti.com>  
To: aprssig@tapr.org  
Subject: re: windows  
Message-ID: <BMSMTP84963857328a0198560@adshmail.itg.ti.com>

No - But if you run the older windows 3.0 on 286/386 machines, it will run faster. Just has less "features".  
Jim W0oog/5

-----

Original text

From: Paul Plasters <PEPLASTERS@mail.rkd.snds.com>, on 12/3/96 12:27 PM:  
To: aprssig@tapr.org

Can I "gut" a windows program so as to make winaprs run faster? I want to run it in a mobile setup on a "286" laptop. What files does WINAPRS need? Thanks, Paul WA9FFL wa9ffl@aol.com or aamfapp@snds.com

-----

Date: Tue, 3 Dec 1996 13:07:28 -0600 (CST)  
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>  
To: aprssig@tapr.org  
Subject: Re: Tripmate GPS unit  
Message-ID:  
<Pine.LNX.3.91.961203130655.21323A-100000@bulldog.afsc.k12.ar.us>

Where can I get one? Mail order? or Store?

On Tue, 3 Dec 1996, Mark Sproul wrote:

> I want everyone to know that Keith got the tripmate to work perfectecly

> with Mac/WinAPRS, the next release (in about 2 weeks) will have full  
> support for it. So for those people who have yet to write to Santa Clause,  
> it will be a good stocking stuffer.

>

>

> Mark

>

>

>

> -----  
> Mark Sproul |Amateur Radio: KB2ICI  
> Software Engineer @ Assoc Press |  
> sproul@ap.org |Work: 609-860-7120  
> North Brunswick, NJ |Fax: 609-860-7129  
> http://msproul.rutgers.edu/

> -----

>

>

-----

Date: Tue, 03 Dec 1996 14:55:37 EST  
From: rkliman@juno.com  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmate  
Message-ID: <19961203.115438.14270.1.rkliman@juno.com>

Call Delorme; have your Street Atlas serial number handy; they will sell  
you a new 4.0 and a GPSTripmate package for \$125 + \$5 for shipping. YOU  
WILL be impressed when you see it.

-----

Date: Tue, 03 Dec 96 14:07:31 -0600  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <199612032011.0AA16688@tapr.org>

In <916527@bbs.ames.net>, on 12/03/96 at 11:21 AM,  
aprssig@tapr.org said:

>Personally, I like white, and I would rather see Keith and Mark work on  
>something more important to the operation of the program.

I agree...there are MANY more important things to work on than fine tuning  
the cosmetics.

One (less important) color feature I could see being fixed is the winds  
aloft. Apparently in the Mac version the winds aloft change color with  
intensity (higher winds, different colors), but the WinAPRS version  
doesn't. Mine are always blue. Maybe I'm hallucinating, but as I recall  
when Keith was out here in Ames, his showed different colors by velocity  
and he was surprised that WinAPRS did not.

Again, this is WAY down on my priority list, but at least is connected to  
the rational display of differing information, as opposed to pure  
aesthetics.

73,

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

-----  
Date: Tue, 3 Dec 1996 15:15:07 -0500 (EST)  
From: "Eric A. Cottrell" <eac@shore.net>  
To: aprssig@tapr.org  
Subject: Re: Delorme Tripmate  
Message-ID: <199612032015.PAA07744@northshore.shore.net>

Hello,

Someone was able to get the special \$125 price by reading the serial number  
on the CD to the person taking the order. So dig out those old copies.

I have problems in that I usually get two copies or more of stuff. I own  
several of Delorme's products.

73 Eric eac@shore.net

-----  
Date: Tue, 3 Dec 1996 16:41:45 -0500 (EST)  
From: jkozak@erols.com (John W. Kozak)  
To: aprssig@tapr.org  
Subject: RE: Tripmate init string?  
Message-ID: <199612032141.QAA04398@smtp2.erols.com>

>The simplified startup sequence is:  
>  
>1. assert DTR - powers up unit.  
>2. Tripmate responds with it's poweron ID and then sends  
> ASTRALcrLf  
> ASTRALcrLf  
>  
>Repeatedly until you respond with  
>  
>ASTRALcrLf  
>ASTRALcrLf  
>  
  
>Ron WA7TAS (crh@cv.hp.com)

While I am waiting for mine to arrive, I'm thinking about external power. I'd like to leave the GPS turned on all the time in the car and not deal with the INIT procedures and lock-up delays at all. Obviously the batteries won't stand for that and I'll need a 6 volt DC power source. Has anyone checked out the wiring on the DB9 cable? Are any of the wires in the cable now wired for an external power source, or are there spares that may be pressed into service for this purpose? External power would be a real plus for this unit.

Thanks  
John Kozak; N3AGG  
jkozak@erols.com

-----  
Date: Tue, 03 Dec 1996 16:28:23 -0800  
From: Randy Hammock <hammock@wired.jpl.nasa.gov>  
To: aprssig@tapr.org

Subject: RE: Tripmate init string?  
Message-ID: <32A4C5A7.2F1C@wired.jpl.nasa.gov>

John W. Kozak wrote:

> ...I'll need a 6 volt DC power source. Has anyone  
> checked out the wiring on the DB9 cable? Are any of the wires in the  
cable  
> now wired for an external power source, or are there spares that may be  
> pressed into service for this purpose? External power would be a real plus  
> for this unit.

An earlier posting stated that external power could be applied to the  
pin which corresponds to the RI signal. 6 Volts is the suggested voltage  
to be applied. I don't have a description of which pin is which on the  
9-pin connectors. I'm interested in finding out which is which as well.

--

Randy Hammock	KC6HUR		Jet Propulsion Laboratory
mailto:hammock@wired.jpl.nasa.gov			M/S: 264-580
Voice: +1-818-393-1214			4800 Oak Grove Drive
Pager: +1-818-423-2062			PASADENA CA 91109

-----

Date: Tue, 03 Dec 1996 18:32:52 -0500  
From: Bob Derderian <n2iph@cyberenet.net>  
To: aprssig@tapr.org  
Subject: re: windows  
Message-ID: <32A4B8A4.4AB7@cyberenet.net>

I thought Win32S required a 386 or better, and to be running in  
"Enhanced Mode", can't do that under Windows 3.0 or on a 286 as far as I  
know.

Bob

-----

Date: Tue, 3 Dec 1996 21:01:50 -0500  
From: WB9W0Z@aol.com  
To: aprssig@tapr.org

Subject: BLNs received

Message-ID: <961203210148\_1651116939@emout14.mail.aol.com>

WHAT is this, and WHY do they have to be broadcast nationwide ???

It comes from the BOSTON GATEWAY. shows a packet address of W1E0@W10N.MA

I have sent direct messages to the W10N-3, with no ACK. Perhaps its an unmanned station.

From:W10N-3 To:BLN1

PORT DEFINITIONS APRS [6=10.151, 3=145.79] BBS [1=145.75]

From:W10N-3 To:BLN2

STATs 6H>3V 2280 [37/hr] 3V>6H 105 [1/hr] 3V>3V 871 [14/hr] 1V>3V 56 [0/hr]

Bruce

Hinsdale,IL

wb9woz@aol.com

DuPage ARC/NIAN

-----

Date: Tue, 03 Dec 1996 23:21:02 -0500

From: Glenn Little <glittle@awod.com>

To: aprssig@tapr.org

Subject: Re: Got the Shirts

Message-ID: <199612040307.WAA24529@sumter.awod.com>

Mike

How much are the shirts and what do they have on them??

73

Glenn Little

WB4UIV

WB4UIV@amsat.org

glittle@awod.com

-----

Date: Tue, 3 Dec 1996 21:08:18 -0600  
From: "Bruce W. Martin" <martinbw@telalink.net>  
To: aprssig@tapr.org  
Subject: Variable Position Reporting Rate  
Message-ID: <9612032108.AA18275@oscar.telalink.net>

I finally came up with a circuit design to use with a standalone tracker. Switching the circuit on inhibits the PTT line for about 20 minutes and enables it for about 4 minutes. You can see this circuit at:

<<http://www.telalink.net/~martinbw/vhf/APRStimer.html>>

If you want a copy of the GIF, JPEG, PICT2, or MacDraw file I will be glad to e-mail it to you.

Bruce

--

```
*****
* Bruce W. Martin           Internet: martinbw@telalink.net      *
* 4558 Brooke Valley Dr.    HAM Call: KQ4TV                      *
* Hermitage TN 37076-2650   Voice:      (615) 872-7733          *
* FAX/MODEM: (615) 872-0045   APRS:3610.50N/08635.50W           *
* "Never ask what sort of computer a guy drives."                *
* If he's a Mac user, he'll tell you.                            *
* If not, why embarrass him?"  -- Tom Clancy                    *
*****
```

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End of APRSSIG Digest 790

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From aprssig@tapr.org Wed Dec 04 17:39:51 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1700 ; Wed, 04 Dec 96 16:57:17 UTC



Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id SAA05849; Wed, 4 Dec 1996 18:51:25 -0600  
(CST)  
Date: Wed, 4 Dec 1996 18:51:25 -0600 (CST)  
Message-Id: <Pine.GS0.3.95.961204194244.8237Q-100000@arctic>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:6955] APRSSIG digest 791  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group  
Content-Type: TEXT/PLAIN; charset=US-ASCII  
MIME-Version: 1.0  
In-Reply-To: <199612042345.SAA13097@newworld.bridge.net>  
Status: R

#### APRSSIG Digest 791

Topics covered in this issue include:

- 1) Re: windows  
by "Eric A. Cottrell" <eac@shore.net>
- 2) Re: Tripmate GPS unit  
by "Eric A. Cottrell" <eac@shore.net>
- 3) RE: Tripmate init string?  
by "Eric A. Cottrell" <eac@shore.net>
- 4) Re: Colors on WinAPRS  
by "Don Murray" <james-m@ix.netcom>
- 5) Re: APRSdos compressed maps  
by TonyDrumma@ibm.net (Tony Drumm)
- 6) Tripmate DB-9 pinout  
by Gould Smith <ggsmith@USIT.NET>
- 7) Question on beacons  
by Steve Childress <stevech@pacbell.net>
- 8) Re: Colors on WinAPRS  
by BordingK@aol.com
- 9) Tripmate Dec bug fix  
by Robert Winingham <kc5ejk@onramp.net>
- 10) Scanner with APRS:  
by jud <judlynn@norfolk.infi.net>

- 11) Re: APRSdos compressed maps  
by Steve Dimse <sdimse@bridge.net>
- 12) Re: Question on beacons  
by Michael Beck <Mbeck@concentric.net>
- 13) Re: Tripmate GPS unit  
by jkozak@aerols.com (John W. Kozak)
- 14) RE: Tripmate external power  
by jkozak@aerols.com (John W. Kozak)
- 15) Re: APRStimer  
by "Bruce W. Martin" <martinbw@telalink.net>
- 16) Re: Colors on WinAPRS  
by "John W.(Bill) Hays - w0omv" <billh@netins.net>
- 17) 1:2,000,000 CD Maps  
by "Theodore A. Antanaitis" <tedant@pipeline.com>
- 18) Re: WB0WNNX-7 Schedule  
by pmann@juno.com (PETER J MANN)
- 19) RE: Tripmate external power  
by Michael Lewis <mlewis@zebra.net>
- 20) DLG Location System  
by Jim Olsen <JIM\_OLSEN@novell.com>
- 21) DeLorme tripmate utility on CD  
by "Eric A. Cottrell" <eac@shore.net>
- 22) Re: DLG Location System  
by Randy Hammock <hammock@wired.jpl.nasa.gov>
- 23) MIM Module Testing Update  
by Terrance Kealey <tkealey@mdc.com>
- 24) Garmin GPS II  
by n2xdd@juno.com (ed j wilson)
- 25) Re: Garmin GPS II  
by clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
- 26) Re: BLNs received  
by Richard Amirault <amirault@laraby.tiac.net>
- 27) RE: Tripmate external power  
by "Eric A. Cottrell" <eac@shore.net>
- 28) Re: Colors on WinAPRS  
by Barbara Fehner <fehner@acts.com>
- 29) Re: Question on beacons  
by rgervenack@juno.com (Robert W Gervenack)
- 30) Re: BLNs received  
by Steve Dimse <sdimse@bridge.net>
- 31) Re: APRSdos compressed maps  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 32) W10N-3

by Bob Bruninga <bruninga@nadn.navy.mil>

-----  
Date: Tue, 03 Dec 1996 22:27:06 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: sproul@ap.org  
Subject: Re: windows  
Message-ID: <849670026-0-eac@shore.net>

Hello,

I am reasonably sure Win32s needs a 386 or greater to work.

73 Eric eac@shore.net

-----  
Date: Tue, 03 Dec 1996 22:35:36 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: jratchfabulldog.afsc.k12.ar.us  
Subject: Re: Tripmate GPS unit  
Message-ID: <849670536-0-eac@shore.net>

>Where can I get one? Mail order? or Store?

Both Store and Mail order!

If you have a copy of Street Atlas you can call Delorme up and give the Serial Number off the CD. This route is \$125 plus \$5 S&H. Computer City has a sale of these things for \$129 plus Sales Tax. The problem I have is the one nearby in Saugus, Massachusetts does not even have SA 4.0! They do have the 3-D explorer.

I do not know Delorme's regular price. I seen reports of from \$150 (Microcenter) to \$199 (Tiger Software) for a non-sale price.

73 Eric eac@shore.net WB1HBU

-----

Date: Tue, 03 Dec 1996 22:49:02 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: hammock@wired.jpl.nasa.gov  
Subject: RE: Tripmate init string?  
Message-ID: <849671342-0-eac@shore.net>

>An earlier posting stated that external power could be applied to the  
>pin which corresponds to the RI signal. 6 Volts is the suggested voltage  
>to be applied. I don't have a description of which pin is which on the  
>9-pin connectors. I'm interested in finding out which is which as well.

Pin 9 on the DB-9 (RI) appears to only go to the center pin of the  
power connector. So a jumper is needed to go between the center pin  
and the + pin.

73 Eric eac@shore.net WB1HBU

-----

Date: Tue, 3 Dec 1996 20:54:22 -0500  
From: "Don Murray" <james-m@ix.netcom>  
To: <aprssig@tapr.org>  
Subject: Re: Colors on WinAPRS  
Message-ID: <199612040402.UAA26867@dfw-ix6.ix.netcom.com>

I have difficulty reading the display with the white background, so just  
for your information, for some of us the ability to change the color  
background is a little more than aesthetics.

-----

> From: schiers@ames.net  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:6916] Re: Colors on WinAPRS  
> Date: Tuesday, December 03, 1996 3:15 PM  
>

> In <916527abbs.ames.net>, on 12/03/96 at 11:21 AM,  
> aprssig@tapr.org said:  
>  
> >Personally, I like white, and I would rather see Keith and Mark work on  
> >something more important to the operation of the program.  
>  
> I agree...there are MANY more important things to work on than fine  
tuning  
> the cosmetics.  
>  
> One (less important) color feature I could see being fixed is the winds  
> aloft. Apparently in the Mac version the winds aloft change color with  
> intensity (higher winds, different colors), but the WinAPRS version  
> doesn't. Mine are always blue. Maybe I'm hallucinating, but as I recall  
> when Keith was out here in Ames, his showed different colors by velocity  
> and he was surprised that WinAPRS did not.  
>  
> Again, this is WAY down on my priority list, but at least is connected to  
> the rational display of differing information, as opposed to pure  
> aesthetics.  
>  
> 73,  
>  
> hasan schiers, NOAN--  
> -----  
> schiers@ames.net  
> -----  
>

-----  
Date: Tue, 03 Dec 1996 22:29:36 -0600  
From: TonyDrumm@ibm.net (Tony Drumm)  
To: aprssig@tapr.org  
Subject: Re: APRSdos compressed maps  
Message-ID: <199612040426.EAA121307@smtp-gw01.ca.us.ibm.net>

>If you are planning to use maps with javAPRS, be sure to save a copy in  
>uncompressed format, as javAPRS does not handle the compressed format. It  
>may be twice as fast under APRSdos, but under java it would be slower. If  
>enough of these maps are made I will update the program to handle them,  
>but that will be a long time in the future, I have many other things to

>do the javAPRS and APRServe that are a much higher priority.  
>  
>Steve K4HG

Steve,

Some (i.e. at least one) of the maps distributed with javAPRS are (is?) compressed. In particular, the MN-WI-MI map is compressed. When I update, I have to copy back over it with my uncompressed copy of the map.

Tony - AA0SM  
Tony Drumm  
ARS AA0SM

-----  
Date: Tue, 03 Dec 1996 23:31:19 -0500  
From: Gould Smith <ggsmith@USIT.NET>  
To: aprssig@tapr.org  
Subject: Tripmate DB-9 pinout  
Message-ID: <199612040437.XAA01312@smtest.usit.net>

For those interested I took the screws out of my Tripmate and checked out the pinout.

pin	1	nc	
pin	2	RX	black wire
pin	3	TX	brown wire
pin	4	DTR	red wire, assert to turn on
pin	5	GND	orange wire, connects to GND of power
pin	6	nc	
pin	7	nc	
pin	8	nc	
pin	9	RI,	yellow wire, goes to the center pin of the

power connector

73,  
Gould, WA4SXM

-----

Date: Tue, 3 Dec 1996 20:44:36 -0800  
From: Steve Childress <stevech@pacbell.net>  
To: "aprssig@tapr.org" <aprssig@tapr.org>  
Subject: Question on beacons  
Message-ID: <01BBE15A.CCBF0E80@appp-206-170-117-156.sndg02.pacbell.net>

I've been away from ham radio for quite a while.  
So please don't guffaw at the following...

I note that people are using beacons which transmit from an  
unattended situation. Do the FCC regulations now allow one  
to transmit in this manner, without a station operator present  
nor a supervisory remote control link?

steve  
WB6CSZ

-----

Date: Tue, 3 Dec 1996 23:56:40 -0500  
From: BordingK@aol.com  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <961203235637\_639255919@emout04.mail.aol.com>

While on the subject of WinAPRS Colors, I've noted the following: In  
WinAPRS  
under Win3.1 the maps have colors, ie blue for hydrographic info, black for  
roads. However, now that I've moved up(?) to Win95, all maps are monochrome.  
DOS maps are unchanged if they contain colors. Anyone know why?

de KF4COH  
Ken

-----

Date: Tue, 3 Dec 1996 23:14:13 -0600  
From: Robert Winingham <kc5ejk@onramp.net>  
To: aprssig@tapr.org  
Subject: Tripmate Dec bug fix

Message-ID: <v03007800aecab8cb4095a[199.1.11.151]>

We have posted an update for Tripmate on our Web page at:

<http://www.delorme.com/support> ( Then -Tripmate Date & Time)

This update fixes problems with date and time identified and described in this newsgroup. Simply download the update and then run the executable. The Tripmate files will be updated automatically.

Although the time and date problem described below will happen each time you try initialize during December you can still use Tripmate without the update. In testing Monday morning I was able to acquire a GOOD fix within 2-3 minutes 7 times during 2 hours using the original software. Once one satellite is acquired the date and time will correct themselves. The problem will only occur during the month of December and only with the DeLorme Tripmate.

Please direct any questions to [support@delorme.com](mailto:support@delorme.com)

Thank you.

Tim Lavan  
DeLorme  
Manager,  
Quality Assurance

-----

73

Bob - Dallas,TX --- [kc5ejk@onramp.net](mailto:kc5ejk@onramp.net) or [kc5ejk@amsat.org](mailto:kc5ejk@amsat.org) ---

-----

Date: Wed, 4 Dec 1996 00:31:24 -0500 (EST)  
From: jud <[judlynn@norfolk.infi.net](mailto:judlynn@norfolk.infi.net)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Scanner with APRS:  
Message-ID: <199612040531.AAA25646@mh004.infi.net>



When I track I use a Garmin GPS45XL, KPC-3, and the HTX-202. I transmit every 10 or 15 seconds when doing the roads for updating the maps. To receive the data I take along another KPC-3, HTX-202 and a HP200LX Palmtop. I use the Trimble for an antenna. This configuration works great.

I have an old 10 Channel Bearcat Scanner that I haven't used in a long time and I wondered if it could be put into service. I took it along yesterday and put it in place of the second HTX-202 to do the receiving. It worked flawlessly.

If you are short one radio to go tracking but have an old scanner laying around, give it a try.

73, Jud, KE4HFX

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[o o]

=====000==( )==000=====

Jud French, KE4HFX

judlynn@norfolk.infi.net

=====

5423 Barnhollow Rd.

Norfolk, VA 23502-3604

-----

Date: Wed, 4 Dec 96 00:41:01 -0500

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Subject: Re: APRSdos compressed maps

Message-ID: <199612040541.AAA03431@newworld.bridge.net>

>Some (i.e. at least one) of the maps distributed with javAPRS are (is?)  
>compressed. In particular, the MN-WI-MI map is compressed. When I update,  
>I have to copy back over it with my uncompressed copy of the map.  
>

Thanks...I didn't know that...guess I never use that one. Can you send me the uncompressed one?

Steve

-----

Date: Wed, 04 Dec 1996 05:48:22 +0000  
From: Michael Beck <Mbeck@concentric.net>  
To: aprssig@tapr.org  
Subject: Re: Question on beacons  
Message-ID: <32A510A6.63C6@concentric.net>

Steve Childress wrote:

>  
> I've been away from ham radio for quite a while.  
> So please don't guffaw at the following...  
>  
> I note that people are using beacons which transmit from an  
> unattended situation. Do the FCC regulations now allow one  
> to transmit in this manner, without a station operator present  
> nor a supervisory remote control link?  
>  
> steve  
> WB6CSZ

Yes.

--  
                  ///// \\\\  
                  ( o o )  
-----o00--(\_)--00o-----  
=====

Michael Beck / KE6JNO  
mbeck@concentric.net / mbeck@globewireless.com  
Montara, California U.S.A.  
=====

-----

Date: Wed, 4 Dec 1996 09:01:23 -0500 (EST)  
From: jkozak@erols.com (John W. Kozak)  
To: aprssig@tapr.org  
Subject: Re: Tripmate GPS unit  
Message-ID: <199612041401.JAA14787@smtp1.erols.com>

Delorme will sell it to anyone for \$149 +\$5 S/H, which really upset the

CompUSA guy when he told me he had it for \$179 + tax. I ordered mine from Delorme and am waiting for delivery! All info is on their webpage at [www.delorme.com](http://www.delorme.com), including upgrade information.>

>

>>Where can I get one? Mail order? or Store?

>

>Both Store and Mail order!

>

>If you have a copy of Street Atlas you can call Delorme up

>and give the Serial Number off the CD. This route is

>\$125 plus \$5 S&H. Computer City has a sale of these

>things for \$129 plus Sales Tax. The problem I have

>is the one nearby in Saugus, Massachusetts does not

>even have SA 4.0! They do have the 3-D explorer.

>

>I do not know Delorme's regular price. I seen reports

>of from \$150 (Microcenter) to \$199 (Tiger Software)

>for a non-sale price.

>

>

>73 Eric eac@shore.net WB1HBU

>

>

>

>

>

-----

Date: Wed, 4 Dec 1996 09:14:04 -0500 (EST)

From: jkozak@erols.com (John W. Kozak)

To: aprssig@tapr.org

Subject: RE: Tripmate external power

Message-ID: <199612041414.JAA16303@smtp1.erols.com>

>Pin 9 on the DB-9 (RI) appears to only go to the center pin of the

>power connector. So a jumper is needed to go between the center pin

>and the + pin.

>

>73 Eric eac@shore.net WB1HBU

Thanks to Eric's information and warning against applying 12 volts to the GPS, I plan to build a 6 volt regulator board and install it in the battery compartment of the GPS, thus allowing me to use any convenient voltage source that I may have (12/24 volt) without worry. I plan on leaving the GPS on all the time to avoid dealing with the init string and seek times involved in power-up. This will make the unit much more flexible as far as using it for moving map/APRS/tracker combinations.

JWK

-----

Date: Wed, 4 Dec 1996 09:41:03 -0600  
From: "Bruce W. Martin" <martinbw@telalink.net>  
To: Claude 995-5040 pager 4541 <CHEAD@exame2.dseg.ti.com>, aprssig@aprs.org  
Subject: Re: APRStimer  
Message-ID: <9612040941.AA03708@oscar.telalink.net>

> Hi, Bruce. Thanks for your information on the timer for APRS  
> tracking systems. Just looked at it on your WEB page. However, it  
> appears that in the schematic drawing that pin 3 of the 555 IC is  
> grounded. That has to be an error! Other than that, it looks fine. It's  
> a good looking schematic.

>  
> 73 Claude Head  
> K5DTN  
> 972-995-5040 office  
> 972-386-8966 home  
> chead@cesadm.corp.ti.com e-mail or  
> chead@exame2.dseg.ti.com

>  
>

Thanks Claude,

I fixed the schematic and uploaded the new version just now. I had to move the relay to get the resistor and the LEDs to fit and missed fixing one line. This was the kind of project where I drew the basic schematic and as i changed things on the prototype board or even in the PC board I had to run to the computer and update the drawing. Thanks again for finding my error. I hope others will catch it or see this and get the correction.

73,

Bruce

--

```
*****
* Bruce W. Martin           Internet: martinbw@telalink.net *
*
*   "If you are a typical experimentalist (physics) you have *
*   a raft of PCs, maybe a UNIX workstation to impress      *
*   incoming graduate students, and a Mac hidden in your    *
*   office to actually do things." - Robert Austin          *
*****
```

-----

Date: Wed, 04 Dec 1996 16:15:32 +0000  
From: "John W.(Bill) Hays - w00mv" <billh@netins.net>  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <32A5A3A4.3FCB@netins.net>

Steve Dimse wrote:

>  
> >I would think that the program would take on the default background from  
> >the color scheme so if you make the windows background black then  
> >that would do it. You would have to change some of the other  
> >colors like text to white.

>I would guess it would be even worse to do for Windows.

>  
> Personally, I like white, and I would rather see Keith and Mark work on  
> something more important to the operation of the program.

>  
> Steve K4HG

I agree!

--

Bill Hays - w00mv email:billh@netins.net

-----  
Date: Wed, 04 Dec 1996 12:33:01 -0500  
From: "Theodore A. Antanaitis" <tedant@pipeline.com>  
To: aprssig@tapr.org  
Subject: 1:2,000,000 CD Maps  
Message-ID: <1.5.4.16.19961204173301.2b6f94f2@pop.pipeline.com>

In 1995 the USGS changed the format of the 1:2,000,000 Optional Format DLG CDrom. The changes consisted of a reorganization of the data (DLG data is in state by state files) AND DLG coordinates are in X and Y offsets (not latitude and longitude as in previous CDroms). The new CDrom is identified as Mastered: 7/95.

The unfortunate result was that the APRSdos map generating programs (e.g., MAKEMAP) could not process the data on the new CDrom. While many maps had been already made from the 1:2,000,000 CDrom, demand for new maps continues (e.g., waterway maps, county-line maps).

This is to announce that an \*UPDATED\* version of the QBASIC programs which process the DLG data on the new CDrom have now been posted to the APRSSIG library. The new files, NU2MG30.ZIP and NU2MG30.TXT, are in /tapr/SIG/aprssig/files/maps/PCMaps. Users of previous versions (i.e., NU\_2MEGA.BAS and NU\_2MEGB.BAS) are specifically encouraged to update.

NU2MG30 prepares map files from the new CDrom in a simplified process where the user specifies the state of interest, map center point (latitude and longitude), and range. \*NEW\* in this version is an improved algorithm for more accurate conversion of X-Y coordinates to Latitude-Longitude equivalents. Maps of varying detail may be created (e.g., roads, waterways, political boundaries). \*NEW\* in this version is the ability to create maps with only a single category of feature (e.g., maps with only boundaries).

Map files prepared by NU2MG30 generally must be finished off through the use of MAPFIX where labels can be created and the total number of points edited to the APRSdos limit.

IF you are interested in generating specialty maps, custom maps, or already have the new USGS CDrom, NU2MG30 may be what you need.

My thanks to those who answered my earlier posts regarding coordinate

conversions,  
your help allowed me to complete this project.

Address any queries to:

Ted Antanaitis WA7ZZB  
email: tedant@pipeline.com

-----

Date: Wed, 04 Dec 1996 11:44:14 EST  
From: pmann@juno.com (PETER J MANN)  
To: aprssig@tqpr.org  
Subject: Re: WB0WNX-7 Schedule  
Message-ID: <19961203.045801.10295.0.PMANN@juno.com>

here what I recored while at work.

WB0WNX-7 031709 a032311z3648.50N/09626.21W'GGA/NUL/raw\*/GGA  
FIX/ALT=4711.0  
WB0WNX-7 031711 a032216z3850.75N/09443.53W'179/97./raw\*/RMC Fix  
WB0WNX-7 031718 a032320z3627.34N/09643.71W'GGA/NUL/raw\*/GGA  
FIX/ALT=4779.7  
WB0WNX-7 031724 a032216z3850.75N/09443.53W'179/97./raw\*/RMC Fix  
WB0WNX-7 031724 a032326z3612.93N/09655.72W'GGA/NUL/raw\*/GGA  
FIX/ALT=4626.0  
WB0WNX-7 031726 a032216z3850.75N/09443.53W'179/97./raw\*/RMC Fix  
WB0WNX-7 031727 a032329z3605.26N/09701.80W'GGA/NUL/raw\*/GGA  
FIX/ALT=4358.0  
WB0WNX-7 031732 a032216z3850.75N/09443.53W'179/97./raw\*/RMC Fix

Be looking for your return flight.

HAVE A GREAT DAY!

Pete  
KF5RD

-----

Date: Wed, 04 Dec 1996 11:38:19 -0600

From: Michael Lewis <mlewis@zebra.net>  
To: aprssig@tapr.org  
Subject: RE: Tripmate external power  
Message-ID: <32A5B70B.649@zebra.net>

John W. Kozak wrote:

>  
> >Pin 9 on the DB-9 (RI) appears to only go to the center pin of the  
> >power connector. So a jumper is needed to go between the center pin  
> >and the + pin.  
> >  
> >73 Eric eac@shore.net WB1HBU  
>  
> Thanks to Eric's information and warning against applying 12 volts to the  
> GPS, I plan to build a 6 volt regulator board and install it in the  
battery  
> compartment of the GPS, thus allowing me to use any convenient voltage  
> source that I may have (12/24 volt) without worry. I plan on leaving the  
GPS  
> on all the time to avoid dealing with the init string and seek times  
> involved in power-up. This will make the unit much more flexible as far as  
> using it for moving map/APRS/tracker combinations.  
>  
> JWK

I made just such a power supply (I used a 7808 regulator), it works fine. The higher the voltage applied (up to 11.7), the better the efficiency, assuming a 12v (13.8) starting point. I blew mine up before I knew better by testing it with 16 volts to verify operation in an automotive environment. After replacing the Maxim 3.3 volt regulator inside the Tripmate, it works fine again.

Since the init string can be shortened from \$IIGPQ,ASTRAL to ASTRAL, and since the box repeatedly sends out ASTRAL's, I just short pins 2 and 3 together to auto-init the box after power on.

-----

Date: Wed, 04 Dec 1996 10:48:14 -0700  
From: Jim Olsen <JIM\_OLSEN@novell.com>  
To: aprssig@tapr.org  
Subject: DLG Location System



Message-ID: <s2a55708.007@novell.com>

I have placed a screen shot and feature list of my GIS packet location system onto the web. It can be viewed at:

<http://www.ditell.com/~cavers/gispls.html>

I thank the many people who responded with suggested features. I have incorporated many of them including:

- \* Optional display of icon, name, AND/OR, track on a per station basis.
- \* Configurable colors for ALL features on map display.
- \* Conversion program to read optional format DLG files (1:100,000)
- \* Local station based configuring of icons for stations

I have a request to anyone who can help me. My area has VERY limited APRS activity (Utah). Could someone from a very active area please send me a raw text file of the APRS traffic in your area for a period of time? This would help my development efforts greatly.

Thanks in advance,

Jim Olsen  
jim\_olsen@novell.com

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Date: Wed, 4 Dec 1996 14:05:25 -0500 (EST)  
From: "Eric A. Cottrell" <eac@shore.net>  
To: aprssig@tapr.org  
Subject: DeLorme tripmate utility on CD  
Message-ID: <199612041905.0AA05456@northshore.shore.net>

Hello,  
I this up on the satellite newsgroup and have not tried it yet.

<begin forward>

I have just discovered 1) this ng and 2) an item in the SA4 CD-ROM \util directory, yet another tripmate.exe, which shows and interprets the Tripmate output stream, shows SV locations, etc.

I have been able to interpret everything on the display except for the third column in the left window. The first two columns are satellite altitude and azimuth; the third seems to be some measure of signal merit. Can anyone enlighten me, or point to a source of info on this nifty but apparently unadvertised tool?

mdr

<end forward>

73 Eric eac@shore.net WB1HBU

-----  
Date: Wed, 04 Dec 1996 13:15:05 -0800  
From: Randy Hammock <hammock@wired.jpl.nasa.gov>  
To: aprssig@tapr.org  
Subject: Re: DLG Location System  
Message-ID: <32A5E9D9.52BF@wired.jpl.nasa.gov>

Jim Olsen wrote:

> I thank the many people who responded with suggested features. I  
> have incorporated many of them including:  
>  
> \* Optional display of icon, name, AND/OR, track on a per station basis.  
> \* Configureable colors for ALL features on map display.  
> \* Conversion program to read optional format DLG files (1:100,000)  
> \* Local station based configuring of icons for stations

I don't re-call if I sent this suggestion before or not, the ability to work in UTM and/or LAT/LON is something that Search and Rescue teams usually need. It seems that ground searches rely on UTM while air searchers use LAT/LON or even CAP grids. At least this is the way the search team I was associated with works.

--

Randy Hammock	KC6HUR		Jet Propulsion Laboratory
mailto:hammock@wired.jpl.nasa.gov			M/S: 264-580
Voice: +1-818-393-1214			4800 Oak Grove Drive
Pager: +1-818-423-2062			PASADENA CA 91109

-----

Date: Wed, 04 Dec 1996 14:37:49 -0600  
From: Terrance Kealey <tkealey@mdc.com>  
To: aprssig@tapr.org  
Subject: MIM Module Testing Update  
Message-ID: <s2a58d53.005@mdc.com>

This is a follow up to a previous posting I placed on the SIG about MIM/GPS-20 problems I saw and my testing of the latest MIM controller. The oddities I saw last week when testing it were due to my using an old version of the configuration software. I originally purchased a MIM 1.04 and programmed it with the mic101.exe program. I needed mic104d.exe to program the new MIM 1.06. I was able to download it from the Clement Engineering web site.

I programmed the MIM in MIC mode and the velocity problem is now corrected. When programmed in MIM mode, the position was transmitted as programmed and not every few seconds as seen during satellite acquisition with the GPS-20. I have not retested all configurations, only the ones that I had previous problems with. A neat feature added to this version of the MIM is the ability to set which GPS message to transmit. For example if you want to use the MIM for a balloon launch and wanted altitude transmitted, the GPGLGA message could be specified.

In addition to the configuration software on Clement web site, there is also a complete operator's manual that can be downloaded. Both of these may be of interest to the people who will be beta testing the MIC Encoder and to anyone who wants to determine if the MIM is a TNC option that they want to use.

The Clement Engineering web page is at -  
<http://home.navisoft.com/agrelo/clement.htm>

One last comment for Bob (WB4APR). When using the MIC Encoder with the GPS-20, I think you might want to consider putting an indicator on the front panel to let the user know that the GPS data is valid. I have seen other stand-alone trackers the area drive around for 30 minutes outputting null position data and not knowing it. I think the 1PPS output would work for this and would give the user feedback that GPS portion (receiver and antenna) of the MIC Encoder was working properly. Maybe this could be a future upgrade if the design is too far along.

Hopefully the above information is useful to everyone.

Terry, KI0BF

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Date: Wed, 4 Dec 1996 16:22:20 PST  
From: n2xdd@juno.com (ed j wilson)  
To: aprssig@taapr.org  
Subject: Garmin GPS II  
Message-ID: <19961204.162223.8870.0.N2XDD@juno.com>

Anyone familiar w/ the Garmin GPS II?  
Does it have a removable antennae?  
NMEA output?

any other comments?

thanks in advance!  
73 de N2XDD Ed Wilson

-----

Date: Wed, 04 Dec 96 22:00:41 UTC  
From: clark@atomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)  
To: aprssig@taapr.org  
Subject: Re: Garmin GPS II  
Message-ID: <10397@atomcat.gsfc.nasa.gov>

N2XDD asked

> Anyone familiar w/ the Garmin GPS II?  
> Does it have a removable antennae?  
> NMEA output?

The GPS-II is essentially a GPS-45XL laid on its side.

The antenna is removable. It does have NMEA output, Garmin's proprietary I/O, and RTCM inputs. The "on its side" "portrait vs landscape" can be toggled. The only other functional change is the addition of map zoom in/out buttons.

73 de Tom, W3IWI

-----  
Date: Wed, 4 Dec 1996 17:18:54 -0500 (EST)  
From: Richard Amirault <amirault@laraby.tiac.net>  
To: aprssig@tapr.org  
Subject: Re: BLNs received  
Message-ID: <Pine.BSF.3.91.961204171148.15362A-100000@laraby.tiac.net>

On Tue, 3 Dec 1996 WB9WOZ@aol.com wrote:

> WHAT is this, and WHY do they have to be broadcast nationwide ???

"WHY"?...beats me....try EGO (he does this on 145.79 as well as HF)  
In addition every station he GATEs to VHF comes thru with 3 WIDEs in the path.

> It comes from the BOSTON GATEWAY. shows a packet address of W1E0@W10N.MA  
> I have sent direct messages to the W10N-3, with no ACK. Perhaps its an  
> unmanned station.

> From:W10N-3       To:BLN1  
> PORT DEFINITIONS APRS [6=10.151, 3=145.79] BBS [1=145.75]  
> From:W10N-3       To:BLN2  
> STATs 6H>3V 2280 [37/hr] 3V>6H 105 [1/hr] 3V>3V 871 [14/hr] 1V>3V 56 [0/hr]

These BLNs are upgraded \*constantly\* with new stats. So virtually \*every\* time I touch my keyboard, APRS prompts me to check the NEW BLN (when the only thing "new" is the STATs in his BLN2)

Richard Amirault  
amirault@tiac.net

N1JDU  
"Go Fly A Kite"

Boston, Massachusetts USA

-----  
Date: Wed, 4 Dec 1996 17:39:50 -0500 (EST)  
From: "Eric A. Cottrell" <eac@shore.net>  
To: aprssig@tapr.org  
Subject: RE: Tripmate external power  
Message-ID: <199612042239.RAA21311@northshore.shore.net>

Hello,

I would be careful as the caps on the input of the Maxim DC-DC converter are 10 volts. I consider 8 to be on the upper limit of the voltage. While the Maxim chip could stand 11.7 I doubt the caps would for long. Of course it looks like there may be 2 diode drops (diode and transistor switch) but I would still not go too much above 8 volts.

73 Eric eac@shore.net

-----  
Date: Wed, 04 Dec 1996 15:15:38 -0800  
From: Barbara Fehner <fehner@cts.com>  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <2.2.32.19961204231538.006a1db0@mail.cts.com>

There are at least two people in the San Diego area who would like to use WAPRS but don't because of the background color. Most of the others here that use it have complained about the way the maps look. The problem is that when I make my maps I choose the colors according to the contrast with the black background. When the map is displayed on a white background the contrast is reversed making the less prominent features stand out and the important features wash out. I also would like to see the choice of a black or dark grey background.

Barbara KK6IB  
E-Mail: fehner@cts.com

-----

Date: Wed, 4 Dec 1996 15:06:07 pst  
From: rgervenack@juno.com (Robert W Gervenack)  
To: aprssig@tapr.org  
Subject: Re: Question on beacons  
Message-ID: <19961204.151003.6439.3.rgervenack@juno.com>

How do you determine that the station is unattended?  
Gervie, W7FEN

On Tue, 3 Dec 1996 22:45:10 -0600 (CST) Steve Childress  
<stevech@pacbell.net> writes:  
>I've been away from ham radio for quite a while.  
>So please don't guffaw at the following...  
>  
>I note that people are using beacons which transmit from an  
>unattended situation. Do the FCC regulations now allow one  
> to transmit in this manner, without a station operator present  
>nor a supervisory remote control link?  
>  
>steve  
>WB6CSZ  
>  
>

-----

Date: Wed, 4 Dec 96 18:46:10 -0500  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tapr.org>  
Subject: Re: BLNs received  
Message-ID: <199612042345.SAA13097@newworld.bridge.net>

>These BLNs are upgraded \*constantly\* with new stats. So virtually \*every\*  
>time I touch my keyboard, APRS prompts me to check the NEW BLN (when the  
>only thing "new" is the STATs in his BLN2)  
>

Sounds like you need to budlist him. I did months ago. On the Mac, all  
message to you and beacons are spoken aloud. Besides having no info I  
care about, the format of his message results i being pronounced by  
computer as a 30 secong long run-together sentence. Very annoying.  
Setting the budlist cures all of this.

Steve K4HG

-----

Date: Wed, 4 Dec 1996 19:09:33 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: APRSdos compressed maps  
Message-ID: <Pine.GS0.3.95.961204190756.8237H-100000@arctic>

On Tue, 3 Dec 1996, Steve Dimse wrote:

> >Some (i.e. at least one) of the maps distributed with javAPRS are (is?)  
> >compressed. In particular, the MN-WI-MI map is compressed.  
> >  
> Thanks...I didn't know that...guess I never use that one. Can you send me  
> the uncompressed one?

APRSdos REPLY/COMMENT: I know he uses Mac's and not PC's but for everyone else's info, anyone with a PC can just load the map into MAPFIX and then re-save it uncompressed...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Wed, 4 Dec 1996 19:44:53 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: W10N-3  
Message-ID: <Pine.GS0.3.95.961204194244.8237Q-100000@arctic>

I agree, but BUDLISTING wont educate him to the problems he is causing. SOneone must make human contact and educate hiim. He is totally wasting bandwidth resources and QRMing most of the country. PERIOD. It should be stopped...

On Wed, 4 Dec 1996, Steve Dimse wrote:

> >These BLNs are upgraded \*constantly\* with new stats. So virtually \*every\*



> >time I touch my keyboard, APRS prompts me to check the NEW BLN (when the  
> >only thing "new" is the STATs in his BLN2)  
> >  
> Sounds like you need to budlist him. I did months ago. On the Mac, all  
> message to you and beacons are spoken aloud. Besides having no info I  
> care about, the format of his message results i being pronounced by  
> computer as a 30 secong long run-together sentence. Very annoying.  
> Setting the budlist cures all of this.  
>  
> Steve K4HG  
>  
>

APRSdos REPLY/COMMENT:

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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End of APRSSIG Digest 791

\*\*\*\*\*

From [aprssid@tapr.org](mailto:aprssid@tapr.org) Thu Dec 05 16:17:53 1996

Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP

id AA1702 ; Thu, 05 Dec 96 15:49:23 UTC

Received: from tapr.org (localhost [127.0.0.1]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id QAA04202; Thu, 5 Dec 1996 16:08:57 -0600  
(CST)

Date: Thu, 5 Dec 1996 16:08:57 -0600 (CST)

Message-Id: <199612052202.RAA11054@mail-e2b.gnn.com>

Reply-To: [aprssid@tapr.org](mailto:aprssid@tapr.org)

Originator: [aprssid@tapr.org](mailto:aprssid@tapr.org)

Sender: [aprssid@tapr.org](mailto:aprssid@tapr.org)

Precedence: bulk

From: [aprssid@tapr.org](mailto:aprssid@tapr.org)

To: [aprssid@tapr.org](mailto:aprssid@tapr.org)

Subject: [APRSSIG:6985] APRSSIG digest 792

X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas

X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group

Content-Type: text/plain; charset="us-ascii"

X-Mailer: GNNmessenger 1.3

Status: R

## APRSSIG Digest 792

Topics covered in this issue include:

- 1) Re: BLNs received  
by Paul Stump <n01rf@computer-services.com>
- 2) Re: Colors on WinAPRS  
by "John W.(Bill) Hays - w0omv" <billh@netins.net>
- 3) Re: Colors on WinAPRS  
by N2ZRC@gnn.com (Arte Booten)
- 4) Re: Colors on WinAPRS  
by "John W.(Bill) Hays - w0omv" <billh@netins.net>
- 5) Stations in "SUPCalls"  
by kb6lfm <kb6lfm@ix.netcom.com>
- 6) Re: BLNs received  
by Jim Duncan <ku0g@sprynet.com>
- 7) MIM Module and MIC-Encoder Revisions -- Published  
by "Dr. William I. Clement" <wclement@the-hermes.net>
- 8) BARC SEATTLE APRS DEMO  
by ddoobbins@juno.com (David S Dobbins)
- 9) Re: Question on beacons  
by Steve Childress <stevech@pacbell.net>
- 10) yet another java TNC server  
by Alan Crosswell <alan@watsun.cc.columbia.edu>
- 11) Re: DLG Location System  
by vodall@juno.com
- 12) Re: BLNs received  
by pmann@juno.com (PETER J MANN)
- 13) non-live javAPRS page  
by Alan Crosswell <alan@watsun.cc.columbia.edu>
- 14) Re: Colors on WinAPRS  
by "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
- 15) Re: W10N-3  
by "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
- 16) My X(mit) B(eacon) error  
by N2ZRC@gnn.com (Arte Booten)
- 17) Re: W10N-3  
by schiers@ames.net
- 18) Re: Colors on WinAPRS  
by schiers@ames.net
- 19) Re: W10N-3

by Steve Dimse <sdimse@bridge.net>  
20) Re: Colors on WinAPRS  
by schiers@ames.net  
21) Win95/Java Internet Explorer Question  
by schiers@ames.net  
22) Re: W10N-3  
by schiers@ames.net  
23) Re: Scanner with APRS:  
by rwf <rwf@mindspring.com>  
24) Re: Garmin GPS II  
by "Mark D. Fellhauer" <sparkfel@primenet.com>  
25) Re: BLNs received  
by Linda Mullen <ad4bl@beaches.net>  
26) ACARS & KCP-3  
by "Truman Boerkoel" <truxenia@erinet.com>  
27) Re: BLNs received  
by "Paul E. Knupke Jr. (KR4YL)" <knupke@csee.usf.edu>  
28) Re: FOOTBALL RUN  
by Bob Bruninga <bruninga@nadn.navy.mil>  
29) Re: registration info  
by BRETSKI <bap@storm.atms.purdue.edu>  
30) Re: Port Definitions from W10N-3  
by N2ZRC@gnn.com (Arte Booten)

-----  
Date: Wed, 04 Dec 1996 18:45:21 -0800  
From: Paul Stump <n01rf@computer-services.com>  
To: aprssig@tapr.org  
Subject: Re: BLNs received  
Message-ID: <32A63741.2D43@computer-services.com>

>  
> > From:W10N-3 To:BLN1  
> > PORT DEFINITIONS APRS  
>  
> These BLNs are upgraded \*constantly\* with new stats. So virtually \*every\*  
> time I touch my keyboard, APRS prompts me to check the NEW BLN

We are also flooded here in the Kansas City area. Perhaps (I hope)  
he knows not what he does? Does anyone know him? Maybe a nice chat  
over a cold beer is advised...

-----  
Date: Thu, 05 Dec 1996 01:34:07 +0000  
From: "John W.(Bill) Hays - w00mv" <billh@netins.net>  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <32A6268F.55A3@netins.net>

Barbara Fehner wrote:

>  
> There are at least two people in the San Diego area who would like to use  
> WAPRS but don't because of the background color. Most of the others here  
> that use it have complained about the way the maps look. The problem is  
that  
> when I make my maps I choose the colors according to the contrast with the  
> black background. When the map is displayed on a white background the  
> contrast is reversed making the less prominent features stand out and the  
> important features wash out. I also would like to see the choice of a  
black  
> or dark grey background.  
>  
> Barbara KK6IB  
> E-Mail: fehner@acts.com

However, when I print out a copy of my map on paper if the background  
were white, WOW what a lot of black ink/toner would be wasted!  
So as long as we do not have a choice I hope it remains white.

--

Bill Hays - w00mv email:billh@netins.net

-----  
Date: Wed, 04 Dec 1996 21:39:16  
From: N2ZRC@gnn.com (Arte Booten)  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <199612050240.VAA31949@mail-e2b.gnn.com>

Hi All,

On Tue, 3 Dec 1996 Demos Doulou wrote:

>I too would like a black background.

In keeping with the spirit of "Hound Dogs In The Night," the white background is downright painful and difficult to look at when one first wakes up in the middle of the night. In addition, the white screen is distracting and possibly dangerous while mobile at night.

However, I realize that the nature of this question may be with how Windows itself operates and may be difficult, if not impossible, for the Sprouls to implement given the higher priorities of their ambitious plans.

Mark, Keith, keep up the good work. This is a very low priority in my opinion and there are other things you're working on that are more dear to us. 73

Mr. Arte Booten (N2ZRC @ gnn.com)  
Packet: N2ZRCaKB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

-----

Date: Thu, 05 Dec 1996 02:55:06 +0000  
From: "John W.(Bill) Hays - w00mv" <billh@netins.net>  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <32A6398A.245A@netins.net>

John W.(Bill) Hays - w00mv wrote:

>

> Barbara Fehner wrote:

MUCH DELETED

> However, when I print out a copy of my map on paper if the background

> were white, WOW what a lot of black ink/toner would be wasted!

> So as long as we do not have a choice I hope it remains white.

> --

> Bill Hays - w0omv email:billh@netins.net

Above proves one should proof read. Hi "white" should be "black".

--

Bill Hays - w0omv email:billh@netins.net

-----

Date: Wed, 04 Dec 1996 18:59:33 -0800

From: kb6lfm <kb6lfm@ix.netcom.com>

To: aprssig@tapr.org

Subject: Stations in "SUPCalls"

Message-ID: <32A63A95.75DF@ix.netcom.com>

For the sake of the finals in my transceiver and for a little sanity (very little) here on the left Coast I have, for the first time in 11 years reluctantly put callsigns in my TNC's "SUPCALLS". Until today I have been GATE'ing & DIGIpeating ALL APRS stations on 10.149.30 mark FSK and on 145.010. In future, ANY station using a path thats over 12" long .....(Hi!) Seriously, one or two "WIDE" or "GATE" statements is enough! I will be adding or removing calls in the "SUPCALLS" according to the "DIGIPEATERS USED" list on a daily basis. As I'm typing this I see one local VHF'er listing 7 wide digipeaters buy their callsigns, and the last statement is "WIDE"... Gimme a break!

73 de Bill/LFM

-----

Date: Wed, 4 Dec 1996 19:22:57 -0800

From: Jim Duncan <ku0g@sprynet.com>

To: aprssig@tapr.org

Subject: Re: BLNs received

Message-ID: <199612050322.TAA25811@m1.sprynet.com>

At 18:51 12/4/96 -0600, you wrote:

>>

>> > From:W10N-3 To:BLN1

>> > PORT DEFINITIONS APRS

>>

>> These BLNs are upgraded \*constantly\* with new stats. So virtually \*every\*

>> time I touch my keyboard, APRS prompts me to check the NEW BLN

>

>We are also flooded here in the Kansas City area. Perhaps (I hope)  
>he knows not what he does? Does anyone know him? Maybe a nice chat  
>over a cold beer is advised...

>

As of 2120 Hours CST this date W10N-3 is Budlisted from the KC GATE. I hope this will take care of the problem on our VHF system. I know there is also a GATE operating up in Iowa and hope they catch on to the same idea...

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

-----

Date: Wed, 04 Dec 1996 22:48:24 -0500  
From: "Dr. William I. Clement" <wclement@the-hermes.net>  
To: aprssig@tqpr.org  
Subject: MIM Module and MIC-Encoder Revisions -- Published  
Message-ID: <32A64608.A77@the-hermes.net>

I have just posted on my web page a complete list of MIM Module and MIC-Encoder firmware revisions. This may be of interest to those who have purchased units in the past and are wondering if an upgrade is necessary. The file is in Microsoft Word 6.0 format and zipped for download.

By the way, for those MIC-Encoder beta testers, the beta test firmware is now complete ("MIC104e") and will leave my office shortly.

Regards,  
Will, N3XLM

```
|=====|
| Dr. William I. Clement, President |
| Clement Engineering, Inc.         |
| 1261 Dogwood Road, Arnold, MD 21012-2220 |
| (office) 410.518.6591 / (sales) 410.268.6736 |
| (FAX) 410.268.4612                |
```

| mailto:wclement@the-hermes.net |  
| http://home.navisoft.com/agrelo/clement.htm |  
|=====|

-----

Date: Mon, 2 Dec 1996 19:40:27 PST  
From: ddoobbins@juno.com (David S Dobbins)  
To: aprssig@tapr.org  
Subject: BARC SEATTLE APRS DEMO  
Message-ID: <19961202.194641.4495.8.ddoobbins@juno.com>

One last reminder for the Seattle area SIGsters: I'll be giving an APRS demo at the Boeing Amateur Radio Club (BARC) monthly meeting on Saturday, December 7th, at about 10:00 am, at their mtg place in Kent. I understand there will be signs posted at key locations, and talk-in will be on 145.33 repeater. This is in the vicinity of 212th and Valley Hwy. Hope to see you all there.

Will those of you who have APRS please have your stations OTA by 9:00. Would like to see N7RIG mobile, if available, along with others, to show some mobile capabilities.

David S. Dobbins/WH6YC  
Greater Northwest APRS Coordinator  
(Montana, Idaho, Oregon, Washington)  
(360) 291-3707  
ddoobbins@juno.com  
ddoobbins@localaccess.com

-----

Date: Wed, 4 Dec 1996 20:54:36 -0800  
From: Steve Childress <stevech@pacbell.net>  
To: "'aprssig@tapr.org'" <aprssig@tapr.org>  
Subject: Re: Question on beacons  
Message-ID: <01BBE225.5C804C80@appp-206-170-121-31.sndg02.pacbell.net>

----- =\_NextPart\_000\_01BBE225.5C804C80  
Content-Type: text/plain; charset="us-ascii"



Content-Transfer-Encoding: 7bit

The question came to mind from the fellow who'd built a timer to stop the beacon  
from transmitting whilst his car was stationary for long periods of times.

-----  
From: Robert W Gervenack[SMTP:rgervenack@juno.com]  
Sent: Wednesday, December 04, 1996 9:23 AM  
To: aprssig@tapr.org  
Subject: [APRSSIG:6952] Re: Question on beacons

How do you determine that the station is unattended?  
Gervie, W7FEN

On Tue, 3 Dec 1996 22:45:10 -0600 (CST) Steve Childress  
<stevech@pacbell.net> writes:  
>I've been away from ham radio for quite a while.  
>So please don't guffaw at the following...  
>  
>I note that people are using beacons which transmit from an  
>unattended situation. Do the FCC regulations now allow one  
> to transmit in this manner, without a station operator present  
>nor a supervisory remote control link?  
>  
>steve  
>WB6CSZ  
>  
>

----- =\_NextPart\_000\_01BBE225.5C804C80  
Content-Type: application/ms-tnef  
Content-Transfer-Encoding: base64

eJ8+IiUEAQaQCAAEAAAAAAAAABAAEAAQeQBGAIAAAA5AQAAAAAADoAAENgAQAAgAAAAIAAgABBJAG  
AAwBAAABAAAADAAAAAMAADADAAAAACwAPDgAAAAACAf8PAQAAAD8AAAAAAAgSsfPL6jEBmdbgDd  
AQ9UAgAAAABhCHJzc2lnQHRhcHIub3JnAFNNVFAAYXByc3NpZ0B0YXBYLm9yZwAAHgACMAEAAAAF  
AAAAU01UAAAAAAAAeAAMwAQAAABEAAABhCHJzc2lnQHRhcHIub3JnAAAAAAMAFQwBAAAAAwD+DwYA  
AAAEAAEWAAQAAABMAAAANyXByc3NpZ0B0YXBYLm9yZyYcAAAIBCzABAAAFgAAAFNNVFA6QVBSU1NJ  
R0BUQVBSLk9SRwAAAAAMAADkAAAAACwBA0gEAAAACAfYPAQAAAAQAAAAAAADEy4BCIAHABgAAABJ  
UE0uTW1jcm9zb2Z0IE1haWwuTm90ZQAxCAEEgAEAKwAAAFJF0iBbQVBSU1NJRzo20TUyXSBSZTog

UXV1c3Rpb24gb24gYmVhY29ucwBTdQEFgAMADgAAAMwHDAAEABQANgAkAAMAVAEBIIADAA4AAADM  
BwwABAAUADUAIwADAFIBAQMAAQAHAQAAAAQTQ4NDGxMTGxNzRFRDAXMUJCODM0NDQ1NTM1NDawMDAA  
uwYBA5AGADAFAAASAAAAACwAjAAAAAADACYAAAAAAAsAKQAAAAAAAwA2AAAAABAADkAgGivaWji  
uwEeAHAQAQAACsAAABSRToGw0FQU1NTSUC6Njk1M10gUmU6IFF1ZXN0aW9uIG9uIGJlYWVnbMA  
AAIBcQABAAAAFgAAAAAG74mhprxiBhKV0FvXHQ4NERVNUAAAAAB4AHgwBAAAABQAAAFNNVFAAAAAA  
HgAfDAEAAAAUAAAAc3R1dmVjaEBwYWNiZWxsLm51dAADAAYQ2LeALAMABxCAgAAHgAIEAEAAAAB1  
AAAAVEhFUVVFU1RJTO5DQU1FVE9NSU5ER1JPTVRIRUZFTExPV1dIT0RCVU1MVEFUSU1FU1RPU1RP  
UFRIRUJFQUNPTkZST01UUKFOU01JVFRJTkdxSE1MU1RISVNDQVJXQVNTVEFUSQAAAAACAQkQAQAA  
AKIDAACeAwAAHgYAAEExaRnUk1NI1/wAKAQ8CFQK0BesCgwBQAvIJAjBjaArAc2V0MjcGAAbDAoMy  
A8UCAHByQnER4nN0ZW0CgzN3AuQHEwKAfQqACM8J2TvxFg8yNTUCgAqBDbELy0BuZzEwMxRQCwoU  
UQUL8mMAQCBuAGUGFnEKUBPAaQIqIGNhQQeAIHRvIG0LgGS0IANSHAAbAWZ1bBWgIQfgd2hvJxxw  
YnX7AxAFQGEcAAAdxBcAcERPA5G9wHNNiZQDQAIaKhb0clHIAcRxAaKALgGcdgXsDEBPAICGQBCAb  
wAXAd7ZhBCATwGEbcgrAeRyAdwWwXFaAhUXAGcQRwBCBvMmYeY3MuCoUKi2xpCDE4MALRaS0xNJ40  
DfAM0CbjC1kxNgqg6wNgE9BjBUAtKQcKhye76wwwKIZGA2E6Kg4ohgyChwfxH5AAICBXIEcEkAZ2  
CfAA0GtbU01UEFA6cmcuZkBqdchuby4FoG1dKa8qva8GYAIwK+8s+1cJgG4HkMBkYXksIEQFkBPg  
ES3hIDA0NTAx0T1ANiA50jIzFLBNszCPKr1UbzLPLPthE1CxBBBpZ0ABkBNQLgWwxmc27zGedWJq  
KME5DwEs+1tBUFTJU0mARzo20TUyXQfwumU+UFEbRhuRH5RzJQ+5JhMzNieHGkUohkgdYfpkHCB5  
CGBFwBHABJAcQd8b8RGABUAc4iK1ICIBMADvItAT0BxgCYA/CoUuUgiQQTUwVzdGRU5CnE99A6BU  
C1A1MDagNVE2FDJgMjo0NT0ZMCjwMINEAEyQKENTVcKGANMT0C6AIEMhkWQWEAQXQqFPBPBL0AR  
cEAKsGPLH5AdQC400HQ+HYAFEIkTOHM6CoU+SSdNof8fkAnwHkAicCNBHKIRgBzA/SDAZBuAI1Mb  
MFBHRkEhguR1LiVmPlMcIAtQH6CTEbFwW4nBUBndQ3Qv1HAHkBHFaiQHUIhQS5XIPtQp1CnIDAQ  
U3FG4yPwHyD/U/AeQBYQSBAAKCFRQiUhcV8RcCCnHIQAcFCmSCge8CEQNnUi01QQRBwgH0JGQ/pD  
UpB1VbALYBtyBCAwEPdWAR1DAiBlUKYcAlSHC4DvHNEiAQ0BNNByNTAD8Bzg/whgHjJHdh8gBJAi  
0AWxE1C/B5AykVCmMBAFwGLxdSPx/UlwCWwWIOAWEARgU3Efwe8gsAbwI5ALgGtIx1fHTuPRVCdX  
QjZNIFFpXXkKcX0MPRB8o1QqFFTEAbtAAAAAEBAAAAAAAwAREIAAABAAAcwgBBYRWjiuwFAAAgW  
gBBYRWjiuwEeAD0AAQAAAAUAAAABSRToGAAAAACJ6

----- =\_NextPart\_000\_01BBE225.5C804C80--

-----

Date: Thu, 5 Dec 96 0:20:08 EST  
From: Alan Crosswell <alan@watsun.cc.columbia.edu>  
To: aprssig@tapr.org  
Subject: yet another java TNC server  
Message-ID: <CMM.0.90.4.849763208.alan@manila.cc.columbia.edu>

<http://www.cloud9.net/~alan/ham/aprs/aprsmon.tgz> is a TNC monitor for  
javAPRS that runs under Linux (you know, the OS Intel hardware was  
meant for:-) It has configurable amount of packet backlog to save up  
but no smarts to reduce the data at this point. Runs under Linux  
2.0.0 with the Kernel-based ax.25 stack and axutils-2.0.12.

I'm currently using it with a TINY-2 in KISS mode and have tested it with a BAYPAC with the recently-released Linux Baycom driver as well. Since the kernel is doing the AX.25 low-level interface and uniformly making it all look like KISS frames, even a lowly Baypac can look like a "real" TNC.

I do not yet have an Internet-connected host running it (unless you happen to telnet to my home machine right now while I'm typing this:-).

It works great as a standalone means of monitoring the APRS net without having to reboot the durn machine into DOS or Windoze. I run appletviewer, which is part of the Java development kit (jdk) and have this param in my html file:

```
<PARAM name = "dataFile1" value = "netc:14579:localhost">
```

It works with Netscape too, but appletviewer is a lot zippier.

Kudos to Steve for making that lousy excuse for a programming language jump through hoops. Too bad he won't let us read his code and learn from him:-{

aprsmon is free software (source code) under the usual Gnu public license terms and is based in part on source code from axutils-2.0.12.

I've also included a modified version of axutils' "beacon" which is what is causing N2YGK-8 to beacon every 120 minutes or so.

Still need to work on digipeating -- probably just a few mods to axdigi.

73 de Alan N2YGK

PS: TIGER/Line 1995 CD ROMs started shipping a couple of months ago. They now use WGS-84 datum instead of NAD-27 so one less thing to have to get around to on tig2aprs:-) Unfortunately, my local library has not yet received them (more likely they are in the huge stack of received but not yet cataloged books....)

PPS: Got change of a \$20? [New Columbia U greeting]

-----

Date: Wed, 4 Dec 1996 23:32:12 MST  
From: vodall@juno.com  
To: aprssig@tapr.org  
Subject: Re: DLG Location System  
Message-ID: <19961204.234713.10135.0.vodall@juno.com>

>I have a request to anyone who can help me. My area has VERY limited  
>APRS activity (Utah). Could someone from a very active area please  
>send me a raw text file of the APRS traffic in your area for a period  
>of  
>time? This would help my development efforts greatly.

Jim,

There's zilch local APRS activity here, but I monitor 10.151 LSB packet  
and  
digi it out to the local node. If you can get on there, you'll have  
good  
stuff coming in all day long from around the country.

Good Luck.

>  
>Thanks in advance,  
>  
>Jim Olsen  
>jim\_olsen@novell.com

Bill, WA7NWP

-----

Date: Thu, 05 Dec 1996 01:47:28 EST  
From: pmann@juno.com (PETER J MANN)  
To: aprssig@tapr.org  
Subject: Re: BLNs received  
Message-ID: <19961203.121433.3807.0.PMANN@juno.com>

I will do the same in Tulsa,OK

HAVE A GREAT DAY!

Pete

-----

Date: Thu, 5 Dec 96 2:42:45 EST  
From: Alan Crosswell <alan@watsun.cc.columbia.edu>  
To: aprssig@tapr.org  
Cc: wecafolks: ;  
Subject: non-live javAPRS page  
Message-ID: <CMM.0.90.4.849771765.alan@manila.cc.columbia.edu>

Just some local stuff using two or three dos maps generated from tiger files -- and with a nice white background:-) Shows N2AMP driving around the county with his MIM (with a real good demo of SA jumpiness:-) and M1HF just passin' through I guess (no doubt having a QSO on the low bands). Seems like Arte might have moved his car across the street, too (or just more SA jump).

<http://www.cloud9.net/~alan/ham/aprs/java>

I had to edit my valid APRSdos maps for javAPRS to successfully parse them. Just something to look out for. Namely, floating point map ranges break javAPRS as do multiline comments before the initial 0,0.

My kludge for multi-line labels to circumvent APRSdos 12 char limit shows up quite clearly too, just like in WinAPRS.

I'll be needing some extra Java at work tomorrow (er, this) morning.

73

/a

-----

Date: Thu, 5 Dec 1996 07:02:08 -0600 (CST)  
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS

Message-ID:

<Pine.LNX.3.91.961205065922.21088A-100000@bulldog.afsc.k12.ar.us>

Paper maps, which I'm sure you've read before, are on white paper! Why not use the colors that Rand-McNally have been using for years? If a person can see the fetures of the program for the color of the background..... how does that go? Can't see the forest for the trees?

Don't take offense, this is just an opinion.

On Wed, 4 Dec 1996, Barbara Fehner wrote:

> There are at least two people in the San Diego area who would like to use  
> WAPRS but don't because of the background color. Most of the others here  
> that use it have complained about the way the maps look. The problem is  
that  
> when I make my maps I choose the colors according to the contrast with the  
> black background. When the map is displayed on a white background the  
> contrast is reversed making the less prominent features stand out and the  
> important features wash out. I also would like to see the choice of a  
black  
> or dark grey background.  
>  
> Barbara KK6IB  
> E-Mail: fehner@acts.com  
>

-----

Date: Thu, 5 Dec 1996 07:05:32 -0600 (CST)

From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>

To: aprssig@tapr.org

Subject: Re: W10N-3

Message-ID:

<Pine.LNX.3.91.961205070447.21088B-100000@bulldog.afsc.k12.ar.us>

Well said! I agree. The problem should not be avoided, but fixed!

On Wed, 4 Dec 1996, Bob Bruninga wrote:

> I agree, but BUDLISTING wont educate him to the problems he is causing.  
> SOfone must make human contact and educate hiim. He is totally wasting

> bandwidth resources and QRMing most of the country. PERIOD. It should be  
> stopped...  
>  
> On Wed, 4 Dec 1996, Steve Dimse wrote:  
>  
> > >These BLNs are upgraded \*constantly\* with new stats. So virtually  
\*every\*  
> > >time I touch my keyboard, APRS prompts me to check the NEW BLN (when  
the  
> > >only thing "new" is the STATs in his BLN2)  
> > >  
> > Sounds like you need to budlist him. I did months ago. On the Mac, all  
> > message to you and beacons are spoken aloud. Besides having no info I  
> > care about, the format of his message results i being pronounced by  
> > computer as a 30 secong long run-together sentence. Very annoying.  
> > Setting the budlist cures all of this.  
> >  
> > Steve K4HG  
> >  
> >  
>  
> APRSdos REPLY/COMMENT:  
>  
> Reply mail addr: wb4apr@amsat.org  
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>  
>

-----

Date: Thu, 05 Dec 1996 08:34:50  
From: N2ZRC@gnn.com (Arte Booten)  
To: aprssig@tapr.org  
Subject: My X(mit) B(eacon) error  
Message-ID: <199612051335.IAA16907@mail-e2b.gnn.com>

Hi Bob, and the SIG,

A few days ago I commented that it seemed like the X(mit) B(eacon)  
command in  
7.7e was still broken. I realized (after all, it was only staring me in the  
face)





>>  
>> On Wed, 4 Dec 1996, Steve Dimse wrote:  
>>  
>> > >These BLNs are upgraded \*constantly\* with new stats. So virtually  
\*every\*  
>> > >time I touch my keyboard, APRS prompts me to check the NEW BLN (when  
the  
>> > >only thing "new" is the STATs in his BLN2)  
>> > >  
>> > Sounds like you need to budlist him.

Budlisting doesn't solve the problem of using up precious HF bandwidth. He  
is transmitting on HF for no purpose whatever. No one needs to know  
ANYTHING he is transmitting on HF.

Aren't there any locals who know about HF that can call him on the phone  
and ask him to stop? 73,

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

-----  
Date: Thu, 05 Dec 96 08:17:27 -0600  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <199612051417.IAA12630@tapr.org>

In <920067@bbs.ames.net>, on 12/04/96 at 08:47 PM,  
aprssig@tapr.org said:

>So as long as we do not have a choice I hope it remains white.

Hi Bill (w0omv)

I agree, if we don't have a choice to play with, I would like to see it  
stay white.

73,

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

-----  
Date: Thu, 5 Dec 96 09:18:16 -0500  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tapr.org>  
Subject: Re: W10N-3  
Message-ID: <199612051418.JAA26055@newworld.bridge.net>

>Well said! I agree. The problem should not be avoided, but fixed!

>

But you missed the point...I was responding to a local VHF user who \_had\_  
tried to educate him. For whatever reason, this guy seems to be  
completely unresponsive to any means to contact him.

Steve K4HG

-----  
Date: Thu, 05 Dec 96 08:17:27 -0600  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <199612051426.IAA13000@tapr.org>

In <920067@bbs.ames.net>, on 12/04/96 at 08:47 PM,  
aprssig@tapr.org said:

>So as long as we do not have a choice I hope it remains white.

Hi Bill (w0omv)

I agree, if we don't have a choice to play with, I would like to see it  
stay white.

73,

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

-----  
Date: Thu, 05 Dec 96 08:27:29 -0600  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Win95/Java Internet Explorer Question  
Message-ID: <199612051430.IAA13083@tapr.org>

Yesterday I got my xyl's machine upgraded and put w95 on it. Using the built in web browser, which I think is Internet Explorer v 3.01, I am having great success going to wa4dsy et al.

One problem, both apr and dsy sites refer to opening the Java Console to see incoming data or station lists. I can't find the procedure anywhere to open a java console for the internet explorer. Can anyone help me with this?

The java console works fine under Netscape/2 and the Warp4 applet viewer under OS/2, but W95 is a mystery to me. TIA

73,

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

-----  
Date: Thu, 05 Dec 96 08:39:47 -0600  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: W10N-3  
Message-ID: <199612051440.IAA13677@tapr.org>

In <920716abbs.ames.net>, on 12/05/96 at 08:15 AM,  
aprssig@tapr.org said:

>For whatever reason, this guy seems to be  
>completely unresponsive to any means to contact him.

Ahhh...tnx info. Time for the old "pin through the coax"  
solution....just kidding, folks. 73.

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

-----  
Date: Thu, 05 Dec 1996 07:00:44 -0500  
From: rwf <rwf@mindspring.com>  
To: aprssig@tapr.org  
Subject: Re: Scanner with APRS:  
Message-ID: <3.0.32.19961204091051.006a8acc@mindspring.com>

You didn't say, but I'm assuming you are not using a laptop or other PC in  
the car, right?

I update maps a lot using GPS too. When I track roads and have the laptop,  
I set the posrate to 1 second and leave the transmit rate at the default  
180 seconds. The built in HSP of the pico can handle 1 second screen  
updates and have not a single glitch. My old hardware HSP usually screwed  
up every other position or APRS received posit (or got HSP timeout)  
whenever the position rate was less than 5 seconds or so.

I just re read the above and need to clarify: NO I am NOT transmitting  
every 1 second, only screen updating.

Ralph

At 11:32 PM 12/3/96 -0600, you wrote:  
>When I track I use a Garmin GPS45XL, KPC-3, and the HTX-202. I transmit

>every 10 or 15 seconds when doing the roads for updating the maps. To  
>receive the data I take along another KPC-3, HTX-202 and a HP200LX Palmtop.  
>I use the Trimble for an antenna. This configuration works great.

-----

Date: Thu, 5 Dec 1996 08:50:46 -0700 (MST)  
From: "Mark D. Fellhauer" <sparkfel@primenet.com>  
To: aprssig@tapr.org, aprssig@tapr.org  
Subject: Re: Garmin GPS II  
Message-ID: <1.5.4.16.19961205085043.219fd51c@mailhost.primenet.com>

At 03:24 PM 12/4/96 -0600, ed j wilson wrote:

>Anyone familiar w/ the Garmin GPS II?

>Does it have a removable antennae?

>NMEA output?

>

>any other comments?

>

>thanks in advance!

>73 de N2XDD Ed Wilson

>

I too saw the GPS II (on Garmin's web page)and started salivating. I went to HRO, which carries Garmin GPS units, they had them listed, at \$249.00, but not yet in stock. I went to Popular Outfitters (Good Phoenix based camping/sporting goods store). They had the flyer on them, but none on display. The manager saw the flyer in my hand and mentioned that the GPS II sure was a neat unit, but Garmin had recalled all of Popular's stock, due to a bug in the firmware.

Here are some spec's:

250 Waypoints, nearest 9 automatic

106 Map Datums

Coodinates of LAT/LON, UTM/UPS, plus 7 grids (including maidenhead)

NMEA 183 and RS-232 DGPS correction

2.32" x 5" x 1.62"

External antenna w/standard BNC connector

Power by 4 AA batteries or 10-36 volts DC @ .75 watts

Hope that helps.

73,

Mark KC7BXS

-----  
Date: Thu, 05 Dec 1996 10:07:45 -0600  
From: Linda Mullen <ad4bl@beaches.net>  
To: aprssig@tapr.org  
Subject: Re: BLNs received  
Message-ID: <32A6F351.7126@beaches.net>

We are also getting the bulletins here in North Florida...

Linda AD4BL

-----  
Date: Thu, 5 Dec 1996 12:42:03 -0500  
From: "Truman Boerkoel" <truxenia@erinet.com>  
To: "Sig APRS" <aprssig@tapr.org>  
Subject: ACARS & KCP-3  
Message-ID: <199612051740.MAA14123@erinet.com>

Has anyone been able to use ACARS (APRSAIR.EXE) with the  
Kantronics KPC-3 with ver 6.0 GPS firmware?

If so, please share the details on how you set the TNC &  
Software.

Thanks es Vry 73 de Tru K8JUG  
truxenia@erinet.com

-----  
Date: Thu, 5 Dec 1996 12:48:53 -0500 (EST)  
From: "Paul E. Knupke Jr. (KR4YL)" <knupke@csee.usf.edu>  
To: aprssig@tapr.org  
Subject: Re: BLNs received

Message-ID: <Pine.SOL.3.95.961205124848.23472B-100000@babbage>

Paul Knupke, Jr. / Pinellas County ARES Asst. EC  
knupke@babbage.csee.usf.edu / Pinellas County Skywarn  
Largo, FL USA / Fidonet 1:3603/570  
Amateur Radio Callsign: KR4YL / Florida Contest Group Member

-----

Date: Thu, 5 Dec 1996 13:21:53 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: ROBERT MARLEY <MARLEY@LU.LINCOLN.EDU>  
Subject: Re: FOOTBALL RUN  
Message-ID: <Pine.GSO.3.95.961205131720.16501J-100000@arctic>

The F0otbal run tomorrow from Annapolis to Philadelphia starting at noon will have 2 vans. Both will have 1 watt APRS stations and 40 watt voice radios with Mic Encoders. They will both use the path of RELAY,WIDE,WIDE. If there are any local HAMS that wanted to shadow them when they are far from a digipeater to provide a mobile "RELAY" would be helpful.

They will pass through Baltimre about afternooon rush hour and proceed up route 1 crossing into PA about 2200. Arrive Philly about 0700 the next morning. Nobody much cares past midnight except for local comms between football and the command post at Oxford PA...

On Thu, 5 Dec 1996, ROBERT MARLEY wrote:

> HELLO, I SAW YOU TESTING LAST NIGHT. WHEN ZOOMED IN IT LOOKED LIKE YOU  
> WENT SWIMMING A COUPLE OF TIMES. IS THERE ANYTHING I CAN DO TO HELP  
> WHEN YOU PASS THROUGH THE AREA? IF SO LET ME KNOW AND I WILL TRY TO BE  
> AVAILABLE. WHEN DO YOU THINK YOU WILL BE COMMING INTO THE AREA?  
> ALSO APR-11 SEEMS TO BE DOWN AGAIN.  
>  
> 73 de N3OBQ ROBERT MARLEY  
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Thu, 5 Dec 1996 16:15:26 -0500 (EST)  
From: BRETSKI <bap@storm.atms.purdue.edu>  
To: APRS <aprssig@tapr.org>  
Subject: Re: registration info  
Message-ID: <Pine.A32.3.93.961205161501.40604A-100000@storm.atms.purdue.edu>

Hello.

I really like the APRS software!

The other day I got about 15 hits -- even one from Puerto Rico!

I registered the software with you folk awhile back but I lost the registration number you sent me along with the sheet about how to enter the number in the program.

Could you please send it again?

Sorry.

:-)

BRET A. PENNINGTON / COMPUTER TECH / EARTH & ATMOSPHERIC SCIENCES  
317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907  
bap@storm.atms.purdue.edu / speaking only for myself.  
/\ /\ /\ /\ /\ /\ \_\_... /\ /\ /\ /\ /\ N9ZFF /\ /\ /\ /\ /\ /\ ...\_\_ /\ /\ /\ /\ /\

-----

Date: Thu, 05 Dec 1996 17:01:47  
From: N2ZRC@gnn.com (Arte Booten)  
To: aprssig@tapr.org  
Subject: Re: Port Definitions from W10N-3



Message-ID: <199612052202.RAA11054@mail-e2b.gnn.com>

Hi Richard,

On Wed, 4 Dec 1996 Richard Amirault replied to my e-mail:

>> I hate to say it, but you're about as geographically close as anybody to this

>>fellow. Could you possibly give him (her?) a phone call and some gentle education?

>>I'm sure everybody from coast-to-coast on .79 and .151 would greatly appreciate it.

with

>There are a bunch of folks closer, but yes we are all in the Greater Boston area. I

>don't think I've ever talked with this person (his name is DOC) more than once or

>twice since I've had my ticket. I get the impression that he is an opinionated old

>cuss from what I've heard others say over the air. I really don't think I have the

>social skills to approach him on this matter.

>

>Maybe if I collected the sig msgs regarding his practices into one file and sent

>them to him... I've got to discuss this with some of the other locals first.

Perhaps we all could send them to him via PBBS. He'd probably be there all day

downloading them at 1200 baud, seeing that QRM and channel overloading can work both

ways :-{

Seriously, BUDListing somebody has to be considered as a "last resort." Doing

so doesn't reduce the QRM on 30M as he's probably going to be unaware that he's no

longer being ECHOed or DIGI'd. Also, let's not forget what happened to Bill a few

weeks ago when HE was BUDListed. Doc (at least going by Richard's description) may not even CARE if some stations do so.

BTW, according to my 1994 callbook, W10N is listed as Arthur P. Peardon, 139 Buckskin Path, Centerville MA 02632. Not that I'm suggesting any course of action by having this address, of course. 73

Mr. Arte Booten (N2ZRC @ gnn.com)  
Packet: N2ZRCaKB2VLX.#BRONX.NY.USA.NA

Cruise Missile Coordinates 4052.71N/07354.06W

... Coordinates laid in. Engaging at warp six ...

-----

End of APRSSIG Digest 792

\*\*\*\*\*

From aprssig@tapr.org Sun Dec 08 01:50:38 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1709 ; Sun, 08 Dec 96 01:26:22 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id MAA01487; Sat, 7 Dec 1996 12:49:08 -0600  
(CST)  
Date: Sat, 7 Dec 1996 12:49:08 -0600 (CST)  
Message-Id: <01BBE444.5E55A200@gwyn.paccomm.com>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:7040] APRSSIG digest 794  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group

## APRSSIG Digest 794

Topics covered in this issue include:

- 1) AEA Again  
by James Kerns <jkerns@usit.net>
- 2) AEA Again  
by James Kerns <jkerns@usit.net>
- 3) Re: Flight of the EAGLE  
by Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
- 4) Re: Tripmate GPS unit  
by Bill Kearns <billk@inland.net>
- 5) Re: oops...slight goof  
by ttyamada@CCGATE.HAC.COM
- 6) Re: Tripmate GPS unit  
by Dick Mead <mead@hamal.usc.edu>
- 7) Re: AEA Again  
by Bob Lorenzini <hwm@netcom.com>
- 8) Re: DeLorme Tripmate  
by bobj <bobj@tiac.net>
- 9) Re: APRS From TX  
by Tommie Taylor <tomcmugs@n-link.com>
- 10) KPC3 - Tripmate  
by Demos Doulou <ddoulou@gte.net>
- 11) Re: AEA Again  
by kb6lfm <kb6lfm@ix.netcom.com>
- 12) Re: oops...slight goof  
by Neil Lauritsen <scout@gte.net>
- 13) Re: Tripmate GPS unit  
by Bill Kearns <billk@inland.net>
- 14) Re: Tripmate GPS unit  
by Bill Kearns <billk@inland.net>
- 15) Re: Tripmate GPS unit  
by Dick Mead <mead@hamal.usc.edu>
- 16) Re: KPC3 - Tripmate  
by Randy Hammock <hammock@wired.jpl.nasa.gov>
- 17) Re: Tripmate GPS unit  
by Bill Kearns <billk@inland.net>
- 18) RE: Tripmate GPS unit  
by Bill Kearns <billk@inland.net>
- 19) Re: DeLorme Tripmate  
by Keith Sproul <ksproul@hardees.rutgers.edu>

20) Re: Tripmate GPS unit  
by Robert Winingham <kc5ejk@onramp.net>  
21) Re: A/Navy FBALL run underway  
by Robert Jordan <n5rkna@apex2000.net>  
22) Re: KPC3 - Tripmate  
by Demos Doulou <ddoulou@gte.net>  
23) GPS 25 mcx conn...  
by Paul Stump <n0lrf@computer-services.com>  
24) Re: oops...slight goof  
by Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>  
25) Bob WD6D0D  
by James Kerns <jkerns@usit.net>  
26) Tripmate -- MIM Module  
by Robert J Manak <rmanak@execpc.com>  
27) Re: GPS 25 mcx conn...  
by clark@tomcat.gsfc.nasa.gov  
28) Re: Bob WD6D0D  
by Bob Lorenzini <hwm@netcom.com>  
29) Re: Tripmate GPS unit  
by Gwyn Reedy <gwyn@paccomm.com>

-----  
Date: Fri, 6 Dec 1996 17:38:04 -0500 (EST)  
From: James Kerns <jkerns@usit.net>  
To: aprssig@tapr.org  
Subject: AEA Again  
Message-ID: <199612062238.RAA08446@smtest.usit.net>

Awhile back there was comments on  
Jim Kerns  
N4PUQ  
jkerns@usit.net  
Oliver Springs, Tn.  
(just outside Oak Ridge where everyone glows in the dark!!)

-----  
Date: Fri, 6 Dec 1996 17:38:06 -0500 (EST)  
From: James Kerns <jkerns@usit.net>  
To: aprssig@tapr.org  
Subject: AEA Again

Message-ID: <199612062238.RAA08450@smtest.usit.net>

Awhile back rgere were numerous msgs passed around about AEA going out of business. Naturally my AEA 232MBX just bit the dust. Called factory got phone

been disconnected. Their Home Web Page doent answer.

Anyone on SIG know who they left to do their repairs?

Thanks for any help.

Jim Kerns

N4PUQ

jkerns@usit.net

Oliver Springs, Tn.

(just outside Oak Ridge where everyone glows in the dark!!)

-----

Date: Fri, 06 Dec 1996 18:05:37 -0500

From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>

To: aprssig@tapr.org

Subject: Re: Flight of the EAGLE

Message-ID: <32A8A6C0.1AEF@co.pinellas.fl.us>

Since the callsign of the Eagle was not an amateur call, no SSID was attached to it...we used the dosAPRS convention of placing the helicopter symbol in the btext, ie {X}....I do not know if this will work in the windows version...or perhaps you never received the btext as the path that went out wide,gate,gate,wide did not include that.....

--

\*\*\*\*\*

Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us

Amateur Radio Call: KD4UYR Packet Mail:KD4UYR@W4DPH.#TPA.FL.US

Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN

Assistant Emergency Coordinator for Amateur Radio Emergency Service

\*\*\*\*\*

-----

Date: Fri, 6 Dec 1996 15:22:58 -0800

From: Bill Kearns <billk@inland.net>

To: aprssig@tapr.org  
Subject: Re: Tripmate GPS unit  
Message-ID: <199612062322.PAA09341@ns1.inland.net>

Hello,

After reading about the Tripmate so much on the SIG. I finally broke down and bought the Delorme Tripmate at Computer City for \$129.95. Seems to be a stout little unit....now to hook it up to my PacComm (mobile tracker). What we need here on this SIG are a couple of on-going manuals for newbies (and everyone else) to refer to when assembling their mobile trackers. I'll stick my neck out and get this one started and I'd sure appreciate it if some of you WIZZ\_BANGS out there would critique my notes and re-edit and re-post this manual giving me (and everyone else) advice and corrections where needed.

PacComm Pinout:

Pin #1 Mike Audio  
Pin #2 Ground  
Pin #3 PTT  
Pin #4 Recieve Audio  
Pin #5 Squelch Input

TripMate Pinout:

Pin #1 nc  
Pin #2 RX --Black wire  
Pin #3 TX --Brown wire  
Pin #4 DTR--Red wire, assert to turn on  
Pin #5 GND--Orange wire, connects to GND of power  
Pin #6 nc  
Pin #7 nc  
Pin #8 nc  
Pin #9 RI --Yellow wire--goes to center pin of Power Connector.  
(Special thnx to Gould Smith WA4SXM for the above pinout)

Okay now for the interface. As I see it...

Tripmate- Pin #3 goes to PacComm Pin #4 (tx to receive audio)  
PacComm-- Pin #1 goes to Tripmate Pin #2 (mic audio to rx)  
Tripmate Pin #5 goes to PacComm Pin #2 (ground to ground)

Is this how you see it? Assuming im using a separate power source for the Tripmate these are the only connections between the two units. (correct?)

Now for the software commands: (TNC baud rate must be set to 4800)  
(Commands listed below are variable..)

```
mycall      callsign-9
btext       "AnyHAM's Mobile Tracker"
location    every 1
beacon every 60
unproto     aprs via wide,wide
gps         on
```

I need the "ini" command for the tripmate and the TNC command to load it in.  
Also FYI, DeLorme sells a Tripmate power adapter kit for about 39 dollars...  
....goes into a cigarette lighter or your laptop. 1-800-452-5931.

Ps. In case anyone wants to call the above number and order a TripMate for \$125.00 plus 5 shipping... here is the number off the back of my "Street Atlas USA" ver 4.0 700709 I don't know how many of you can order a tripmate using that number but at least one of you will. (the first one!) remember...these guys manning the phones are more than likely working on a commission and would love to have your business!!! Good Luck!!

Bill Kearns WB6JAR  
909-678-6228

```
    /// \\
   ///// \\\\
  ( 0 0 )
-----o00--( )--00o-----
```

-----

Date: Fri, 06 Dec 96 15:37:05 PST8  
From: ttyamadaa@CCGATE.HAC.COM  
To: aprssig@tapr.org  
Subject: Re: ooops...slight goof

Message-ID: <9611068499.AA849916520@CCGATE.HAC.COM>

The one below didn't work, would you mean:  
<http://circuit6.co.pinellas.fl.us/sheriff/specops.htm>  
or  
<http://circuit6.co.pinellas.fl.us/sheriff/index.htm>  
???

----- Reply Separator

-----  
Subject: [APRSSIG:7011] Re: oops...slight goof  
Author: aprssig@tapr.org at CCGATE  
Date: 12/6/96 2:49 PM

Kevin Heyboer wrote:

>

> For those who were interested ref the EAGLE and the Pinellas County  
> Florida Sheriff's Office, our home page is actually:

>

> <http://www.co.pinellas.fl.us/sheriff/index.html>

Correction: "<http://circuit6.co.pinellas.fl.us/sheriff.html>"

Neil - KA3DBK  
EC Pinellas Co. FL. ARES  
[ka3dbk@w4dph.#tpa.fl.usa.na](mailto:ka3dbk@w4dph.#tpa.fl.usa.na)  
email - "scout@gte.net"  
Web Page(s) - "<http://home1.gte.net/scout/index.htm>"  
Home Phone (813)441-3954  
Sysop - ARES/RACES BBS!  
(813)464-5279  
(813)464-5280

-----

Date: Fri, 6 Dec 96 15:55:32 PST  
From: Dick Mead <[mead@hamal.usc.edu](mailto:mead@hamal.usc.edu)>  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Re: Tripmate GPS unit



Message-ID: <CMM.0.90.4.849916532.mead@ham1.usc.edu>

...snip..

>

> Okay now for the interface. As I see it...

> Tripmate- Pin #3 goes to PacComm Pin #4 (tx to receive audio)

> PacComm-- Pin #1 goes to Tripmate Pin #2 (mic audio to rx)

> Tripmate Pin #5 goes to PacComm Pin #2 (ground to ground)

>

> Is this how you see it? Assuming im using a separate power source for the

> Tripmate these are the only connections between the two units. (correct?)

>

>

>

I don't think you want to connect your Tripmate to the Radio port  
of the TNC. You want the gps or terminal port.

Dick WB6NGC

-----

Date: Fri, 6 Dec 1996 16:09:36 -0800 (PST)

From: Bob Lorenzini <hwm@netcom.com>

To: aprssig@tapr.org

Subject: Re: AEA Again

Message-ID: <Pine.LNX.3.95.961206160735.88C-100000amm.wd6dod.ampr.org>

On Fri, 6 Dec 1996, James Kerns wrote:

> Awhile back rgere were numerous msgs passed around about AEA going out of  
> business. Naturally my AEA 232MBX just bit the dust. Called factory got  
phone

> been disconnected. Their Home Web Page doent answer.

>

> Anyone on SIG know who they left to do their repairs?

>

> Thanks for any help.

> Jim Kerns

> N4PUQ  
> jkerns@usit.net  
> Oliver Springs, Tn.  
> (just outside Oak Ridge where everyone glows in the dark!!)

I don't know what your symptoms are, but the 232 is notorious for the screw holding down the voltage regulator coming loose from heat cycling. That regulator gets very warm.

Bob - wd6dod

-----  
Date: Fri, 06 Dec 1996 19:29:04 -0500  
From: bobj <bobj@tiac.net>  
To: aprssig@tpr.org  
Subject: Re: DeLorme Tripmate  
Message-ID: <1.5.4.32.19961207002904.0090f748@tiac.net>

At 10:38 AM 12/6/96 -0600, you wrote:

>Joe Scalet <jscalet@dound.net> wrote

>

>>I'm a registered user of Delorme products but did not get an upgrade  
>>flier prior to reading about it on this sig. I called them and got the  
>>BE32 code for upgrade, sent them a check on 11/25/96 and recieved the  
>>package on 12/5/96. So far I'm impressed with the service and the unit.  
>>Its my fourth GPS, each one has been better and cheaper. There's no such  
>>thing as too many toys.

>>

>Well I just got mine yesterday. It installed fine on the home computer but  
>was touch and go on my laptop. Delorme says use a minimum of a 486DX with 8  
>meg memory and 10 meg swapfile. I've got it running (S L O W L Y) on a  
>386SX25 running Win 3.1 with 4 meg ram, corrupt swapfile, broken trackball  
>and a pretty full compressed 80 meg harddrive. Its amazing it works at all.  
>Next comes wiring up a regulator for the GPS. The 386 package takes forever  
>to boot and initialize, so I plan on leaving the whole works powered up  
most  
>of the time..

>

>John Kozak; N3AGG  
>jkozak@erols.com

>

Got mine a few days after the flyer arrived.. Gee Whiz it works GUD!  
Now, any way of getting it to work with APRS? Init strings to feed it?.. Who  
makes the board..... etc...

DE N1EUJ

Bob Johnson

Billerica, MA

-----

Date: Fri, 06 Dec 1996 18:39:15 -0800  
From: Tommie Taylor <tomcmugs@n-link.com>  
To: aprssig@tapr.org  
Subject: Re: APRS From TX  
Message-ID: <32A8D8D2.6EAD@n-link.com>

dkaszubski wrote:

>

> Tommie Taylor wrote:

> >

> > Can anyone see us on there APRS Screen..

> > KC5UJH

> > We run ours here in Lampasas, TX 24hrs a day..

>

> We see you in the Dallas-Fort Worth area most of the time.

>

> --

> Dave Kaszubski WB3FYV

> dkaszubski@why.net also: ustuia6v@ibmmail.com

> Benbrook, Texas N 32 40.319' W 097 26.844'

>

> President of the Texas Utilities Amateur Radio Club,

>

> Comanche Peak Chapter

> Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society

> Still experimenting with APRS...

> <http://users.why.net/dkaszubski/>

I think I remember seeing yours on my Screen...

Tommie

--

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113  
WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)  
<http://www.web2.com/cmugs/>  
Internet: tomcmugs@link.com / tomcmugs@juno.com  
Phone: (512) 556-4691 This is also a FAX Request line

-----  
Date: Fri, 06 Dec 1996 19:58:11 -0500  
From: Demos Doulou <ddoulou@gte.net>  
To: aprssig@tapr.org  
Subject: KPC3 - Tripmate  
Message-ID: <32A8C123.7E73@gte.net>

Has anyone sucesfully interfaced the Tripmate with a KPC3?

Demos KR4US  
ddoulou@amsat.org

-----  
Date: Fri, 06 Dec 1996 16:59:19 -0800  
From: kb6lfm <kb6lfm@ix.netcom.com>  
To: aprssig@tapr.org  
Subject: Re: AEA Again  
Message-ID: <32A8C167.47B6@ix.netcom.com>

James Kerns wrote:

>

> Awhile back rgere were numerous msgs passed around about AEA going out of  
> business. Naturally my AEA 232MBX just bit the dust. Called factory got  
phone

> been disconnected. Their Home Web Page doesnt answer.

>

> Anyone on SIG know who they left to do their repairs?

>

> Thanks for any help.

> Jim Kerns

> N4PUQ

> jkerns@usit.net

> Oliver Springs, Tn.

> (just outside Oak Ridge where everyone glows in the dark!!)

KB6LFM WRITES:

To my knowledge (which is limited) AEA has made NO arrangements with anyone to repair there products... We are on our own Jim.

73 de Bill/LFM

-----  
Date: Fri, 06 Dec 1996 20:08:42 -0500  
From: Neil Lauritsen <scout@gte.net>  
To: aprssig@tapr.org  
Subject: Re: ooops...slight goof  
Message-ID: <32A8C39A.C5E@gte.net>

ttiyamadaa@CCGATE.HAC.COM wrote:

>  
> The one below didn't work, would you mean:  
> <http://circuit6.co.pinellas.fl.us/sheriff/specops.htm>  
> or  
> <http://circuit6.co.pinellas.fl.us/sheriff/index.htm>  
> ???

yes..Thanks!

--

Neil - KA3DBK  
EC Pinellas Co. FL. ARES  
ka3dbk@w4dph.#tpa.fl.usa.na  
email - "scout@gte.net"  
Web Page(s) - "<http://home1.gte.net/scout/index.htm>"  
Home Phone (813)441-3954  
Sysop - ARES/RACES BBS!  
(813)464-5279  
(813)464-5280

-----  
Date: Fri, 6 Dec 1996 17:09:36 -0800

From: Bill Kearns <billk@inland.net>  
To: aprssig@tapr.org  
Subject: Re: Tripmate GPS unit  
Message-ID: <199612070109.RAA12451@ns1.inland.net>

Dick,

the object is to have a complete manual...please edit the area that  
needs correcting....this way we can maintain a complete manual instead of  
several upon several corrective messages...simply edit the manual and repost  
it....no snips.....

Bill Kearns WB6JAR  
909-678-6228

```
      /// \\
    ///\\ \\\\
  ( 0 0 )
-----o00--( )--00o-----
```

-----

Date: Fri, 6 Dec 1996 17:13:20 -0800  
From: Bill Kearns <billk@inland.net>  
To: aprssig@tapr.org  
Subject: Re: Tripmate GPS unit  
Message-ID: <199612070113.RAA12536@ns1.inland.net>

slight goof on my part....showed the radio port instead of the rs-232  
port....oh well....long day....(been up since 4:00am)...sorry

Bill Kearns WB6JAR  
909-678-6228

```
      /// \\
    ///\\ \\\\
  ( 0 0 )
-----o00--( )--00o-----
```

-----

Date: Fri, 6 Dec 96 17:31:48 PST  
From: Dick Mead <mead@hamal.usc.edu>  
To: aprssig@tapr.org  
Subject: Re: Tripmate GPS unit  
Message-ID: <CMM.0.90.4.849922308.mead@hamal.usc.edu>

> Dick,  
>  
> the object is to have a complete manual...please edit the area that  
> needs correcting....this way we can maintain a complete manual instead of  
> several upon several corrective messages...simply edit the manual and  
repost  
> it....no snips.....  
>  
> Bill Kearns WB6JAR  
> 909-678-6228  
>  
>       /// \\\  
>       ///// \\\\\  
>       ( 0 0 )  
> -----o00--( )--00o-----  
>  
>  
>

Well, if I had my Tripmate and associated TNC I would have. Since I don't, the object was to point out a possible error.

Dick WB6NGC

-----

Date: Fri, 06 Dec 1996 18:52:56 -0800  
From: Randy Hammock <hammock@wired.jpl.nasa.gov>  
To: aprssig@tapr.org  
Subject: Re: KPC3 - Tripmate  
Message-ID: <32A8DC08.2781@wired.jpl.nasa.gov>

Demos Doulou wrote:

>

> Has anyone sucesfully interfaced the Tripmate with a KPC3?

>

> Demos KR4US

> ddoulou@amsat.org

Hope to do so this weekend. I see no problems at all in doing so. Just have the KPC-3 send the ASTRAL string to the Tripmate using the GPS INIT string command of the KPC-3.

--

Randy Hammock	KC6HUR		Jet Propulsion Laboratory
mailto:hammock@wired.jpl.nasa.gov			M/S: 264-580
Voice: +1-818-393-1214			4800 Oak Grove Drive
Pager: +1-818-423-2062			PASADENA CA 91109

-----

Date: Fri, 6 Dec 1996 17:35:12 -0800

From: Bill Kearns <billk@inland.net>

To: aprssig@tapr.org

Subject: Re: Tripmate GPS unit

Message-ID: <199612070135.RAA13175@ns1.inland.net>

ahhhHA!!

shoot,,,after looking in 2 paccomm manuals...i cant find a pinout for the DB-9 connecter. so i am borrowing one from the kantronics manual...

is this correct??

PacComm DB-9 Pinout:

Pin #1 audio

Pin #2 xcd (squelch)

Pin #3 PTT

Pin #4 nc

Pin #5 RX audio

Pin #6 GND

Pin #7 +12v

Pin #8 nc

Pin #9 GND

now....back to editing the manual and thanks to Dick Mead for pointing that out.... (i gotta get some sleep!!)



Bill Kearns WB6JAR  
909-678-6228

    /// \\\  
    ///// \\\\\  
    ( 0 0 )  
-----o00--( )--00o-----

-----  
  
Date: Fri, 6 Dec 1996 17:41:00 -0800  
From: Bill Kearns <billk@inland.net>  
To: aprssig@tapr.org  
Subject: RE:Tripmate GPS unit  
Message-ID: <199612070141.RAA13626@ns1.inland.net>

Hello, this is the revised edition of the manual....any more mistakes??  
feel free to criticize or edit...just repost it....

After reading about the Tripmate so much on the SIG. I finally broke down and bought the Delorme Tripmate at Computer City for \$129.95. Seems to be a stout little unit....now to hook it up to my PacComm (mobile tracker). What we need here on this SIG are a couple of on-going manuals for newbies (and everyone else) to refer to when assembling their mobile trackers. I'll stick my neck out and get this one started and I'd sure appreciate it if some of you WIZZ\_BANGS out there would critique my notes and re-edit and re-post this manual giving me (and everyone else) advice and corrections where needed.

PacComm DB-9 Connector Pinout:

Pin #1 audio  
Pin #2 xcd (squelch)  
Pin #3 PTT  
Pin #4 nc  
Pin #5 RX audio  
Pin #6 GND  
Pin #7 +12v  
Pin #8 nc  
Pin #9 GND

TripMate Pinout:

Pin #1        nc  
Pin #2        RX --Black wire  
Pin #3        TX --Brown wire  
Pin #4        DTR--Red wire, assert to turn on  
Pin #5        GND--Orange wire, connects to GND of power  
Pin #6        nc  
Pin #7        nc  
Pin #8        nc  
Pin #9        RI --Yellow wire--goes to center pin of Power Connector.  
(Special thnx to Gould Smith WA4SXM for the above pinout)

Okay now for the interface. As I see it...

Tripmate- Pin #3 goes to PacComm Pin #5 (tx to receive audio)

PacComm-- Pin #1 goes to Tripmate Pin #2 (mic audio to rx)

Tripmate Pin #5 goes to PacComm Pin #6 (ground to ground)

Is this how you see it? Assuming im using a separate power source for the Tripmate these are the only connections between the two units. (correct?)

Now for the software commands: (TNC baud rate must be set to 4800)  
(Commands listed below are variable..)

mycall        callsign-9  
btext        "AnyHAM's Mobile Tracker"  
location      every 1  
beacon every 60  
unproto      aprs via wide,wide  
gps          on

I need the "ini" command for the tripmate and the TNC command to load it in.  
Also FYI, DeLorme sells a Tripmate power adapter kit for about 39 dollars...  
....goes into a cigarette lighter or your laptop. 1-800-452-5931.

Ps. In case anyone wants to call the above number and order a TripMate for \$125.00 plus 5 shipping... here is the number off the back of my "Street Atlas USA" ver 4.0 700709 I don't know how many of you can order a tripmate using that number but at least one of you will. (the first one!) remember...these guys manning the phones are more than likely working on a commission and would love to have your business!!! Good Luck!!

Bill Kearns WB6JAR  
909-678-6228

```
      /// \\
     ///// \\\\
    (  0   0  )
-----o00--( )--00o-----
```

-----

Date: Fri, 6 Dec 96 21:10:47 EST  
From: Keith Sproul <ksproul@hardees.rutgers.edu>  
To: aprssig@tapr.org  
Cc: Whoa@hardees.rutgers.edu, <jscalet@dound.net>  
Subject: Re: DeLorme Tripmate  
Message-ID: <CMM-RU.1.5.849924647.ksproul@hardees.rutgers.edu>

> At 10:38 AM 12/6/96 -0600, you wrote:  
> >Joe Scalet <jscalet@dound.net> wrote  
> >  
> Now, any way of getting it to work with APRS? Init strings to feed it?..

WinAPRS and MacAPRS will have full support for the Tripmate in the next release. (The code is already done and tested)  
(This was announced a couple days before thanksgiving, but, due to all of the other things going on at that time, you probably missed it).

I got a chance to play with one while in Texas visiting my dad and wrote the code to support it.. I really liked the unit and promptly ordered my one.. I just got my early this week.

> Who makes the board..... etc...

The board is made by Rockwell

This can be determined by the use of the \$PRWxxx stuff in the NMEA data..

In 'NMEA-SPEAK', data sentences that start with \$P are PROPRIETARY and the following two letters indicate the manufacturer.

i.e. \$PRWxxx = ROCKWELL

Keith Sproul

Keith Sproul	Ham Radio: WU2Z
Student Housing Network Coordinator	ksproul@noc.rutgers.edu
Rutgers University Computing Services	908 445-3695 Work 908 445-2968 Fax
<a href="http://www-ns.rutgers.edu/~ksproul/">http://www-ns.rutgers.edu/~ksproul/</a>	908 821-4828 Home

-----

Date: Fri, 6 Dec 1996 20:26:03 -0600  
From: Robert Winingham <kc5ejk@onramp.net>  
To: aprssig@tapr.org  
Subject: Re: Tripmate GPS unit  
Message-ID: <v03007800aece805fd623a[199.1.11.146]>

TripMate Pinout:

Pin #1 nc  
Pin #2 RX --Black wire (jump pin 2 to pin 3)  
Pin #3 TX --Brown wire (this wire to TNC)  
Pin #4 DTR--Red wire, assert to turn on  
Pin #5 GND--Orange wire, connects to GND of power  
(and RS-232 Ground to TNC)

Jump and Tripmate pin-2 to Tripmate pin-3 and forget any init strings. OK to leave connected after the Tripmate sees its own output and auto-starts.

Run the Tripmate pin-3 (TX) to the TNC or APRS computer RS-232 input pin. (no connection to TNC or APRS computer RS-232 output pin.)

Connect Tripmate pin-5 (gnd) to TNC or APRS computer RS-232 ground pin.

Connect Tripmate pin-4 (DTR) to TNC or APRS computer RS-232 DTR pin or

a RS-232 output that comes on when the TNC or computer is on.

Note to Bill, the RADIO I/O ports are your problem  
and not part of the Tripmate manual.  
Don't make ANY tripmate connections to the TNC RADIO port.  
I have now seen two posting that are wrong !

I have the Tripmate and SA4 software running on my MAC, but I need  
20 MEGS for Softwindows and I still get a few crashes.

I have tried Tripmate with MACaprs and it works.  
I even see all 12 satellites in the display window.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

-----

Date: Fri, 06 Dec 1996 20:40:13 -0600  
From: Robert Jordan <n5rkn@apex2000.net>  
To: aprssig@tapr.org  
Subject: Re: A/Navy FBALL run underway  
Message-ID: <32A8D90D.47A8@apex2000.net>

Bob Bruninga wrote:

>

> We are using the path of RELAY,WIDE,WIDE on 145.79 MHz and hope that we  
> can work around the failed digipeater at Elk Neck (WB4APR-11). Football  
> should arrive in Philly at 0700 tomorrow AM. In anycase, if you have a  
> UHF scanner that can hear frequencies in the range of 260 MHz, then you  
> should be able to hear the packets direct, anywhere in the country.  
> Contact me for details...

I must have missed the original msg relating to this. But, I do have  
260MHz capability on receive. What exact freq?

Robert

-----

Date: Fri, 06 Dec 1996 22:45:20 -0500  
From: Demos Doulou <ddoulou@gte.net>  
To: aprssig@tapr.org  
Subject: Re: KPC3 - Tripmate  
Message-ID: <32A8E850.F69@gte.net>

Randy Hammock wrote:

>  
> Demos Doulou wrote:  
> >  
> > Has anyone sucesfully interfaced the Tripmate with a KPC3?  
> >  
> > Demos KR4US  
> > ddoulou@amsat.org  
> Hope to do so this weekend. I see no problems at all in doing so. Just  
> have the KPC-3 send the ASTRAL string to the Tripmate using the GPS INIT  
> string command of the KPC-3.  
> --  
>

Well I did it. You need to install r48 in the KPC3 to force the DTR line high so the tripmate will turn on. Then set gpsint to ASTRAL. Connect the two with a NULL modem cable and your set. Now if I can just find out why the tripmate has stopped sending GGA strings.

Demos KR4US  
ddoulou@amsat.org

-----

Date: Fri, 06 Dec 1996 22:50:03 -0800  
From: Paul Stump <n01rf@computer-services.com>  
To: aprssig@tapr.org  
Subject: GPS 25 mcx conn...  
Message-ID: <32A9139B.45EE@computer-services.com>

Why did I buy those \$6.00 MCX connectors, when all I had to do was VERY GENTLY pry the MCX connector off the board? Use a small screwdriver very slowly & DON'T pull up the circuit traces. A magnifier lamp is good for those of us in the bifocal age.

I then stripped & soldered abt four inches of RG 316 to the exposed pads. Crimped a female BNC, bulkhead, connector to the other end. Drill & mount the BNC in the mini-box & you're rolling.

Works great! Should work on the GPS 20 board as well...

--

73, Paul, n01rfacomputer-services.com

-----

Date: Sat, 07 Dec 1996 04:28:20 -0500  
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>  
To: aprssig@tapr.org  
Subject: Re: oops...slight goof  
Message-ID: <32A938B3.2276@co.pinellas.fl.us>

ttyamadaa@CCGATE.HAC.COM wrote:

>  
> The one below didn't work, would you mean:  
> <http://circuit6.co.pinellas.fl.us/sheriff/specops.htm>  
> or  
> <http://circuit6.co.pinellas.fl.us/sheriff/index.htm>  
> ???

>  
> ----- Reply Separator

-----  
> Subject: [APRSSIG:7011] Re: oops...slight goof  
> Author: aprssig@tapr.org at CCGATE  
> Date: 12/6/96 2:49 PM

>  
> Kevin Heyboer wrote:  
> >  
> > For those who were interested ref the EAGLE and the Pinellas County  
> > Florida Sheriff's Office, our home page is actually:  
> >  
> > <http://www.co.pinellas.fl.us/sheriff/index.html>  
>  
> Correction: "<http://circuit6.co.pinellas.fl.us/sheriff.html>"  
>  
> Neil - KA3DBK  
> EC Pinellas Co. FL. ARES

Jim Kerns



N4PUQ

jkerns@usit.net

Oliver Springs, Tn.

(just outside Oak Ridge where everyone glows in the dark!!)

-----

Date: Sat, 07 Dec 1996 09:06:03 -0600

From: Robert J Manak <rmanak@execpc.com>

To: aprssig@tapr.org

Subject: Tripmate -- MIM Module

Message-ID: <2.2.32.19961207150603.006f19a0@mail.execpc.com>

Has anyone successfully interfaced the Tripmate with a MIM Module? This could make a nice small tracking package.

73 bob

aa9jw@amsat.org

-----

Date: Sat, 07 Dec 96 16:09:02 UTC

From: clark@atomcat.gsfc.nasa.gov

To: aprssig@tapr.org

Cc: aprssig@tapr.org

Subject: Re: GPS 25 mcx conn...

Message-ID: <10752@atomcat.gsfc.nasa.gov>

I sure don't recommend removing the MCX connector from a PCB! Remember that those are multi-layer circuit boards and they are easy to damage. It takes less than 5 minutes to put an MCX connector on a piece of cable even without fancy tools.

73, Tom

-----

Date: Sat, 7 Dec 1996 09:32:47 -0800 (PST)

From: Bob Lorenzini <hwm@netcom.com>

To: aprssig@tapr.org  
Subject: Re: Bob WD6DOD  
Message-ID: <Pine.LNX.3.95.961207093014.214E-100000amm.wd6dod.ampr.org>

On Sat, 7 Dec 1996, James Kerns wrote:

> Bob I'll check that screw, thanks. When I turn on 232 the STA light  
lights  
> and NOW occasionally the baudot light, when I hit enter to make TNC talk  
to  
> computer the goes to the CON instead of PCK as it used to. (using PKRATT)  
> Occasionally now BAUDOT never come on and light goes to CON instead of PKT  
> and program aborts.

The screw is not your problem then. I would try resetting the tnc and  
reseating any socketed chips. It sounds like it still alive but confused.

Bob - wd6dod

-----

Date: Sat, 7 Dec 1996 13:41:30 -0500  
From: Gwyn Reedy <gwyn@paccomm.com>  
To: "'aprssig@tapr.org'" <aprssig@tapr.org>  
Subject: Re: Tripmate GPS unit  
Message-ID: <01BBE444.5E55A200@gwyn.paccomm.com>

On Friday, December 06, 1996 2:48 PM, Bill Kearns[SMTP:billk@inland.net]  
wrote:

>ahhhHA!!

>

> shoot,,,after looking in 2 paccomm manuals...i cant find a pinout for  
>the DB-9 connecter. so i am borrowing one from the kantronics manual...

>

>is this correct??

>

>PacComm DB-9 Pinout:

>Pin #1 audio

```
>Pin #2 xcd (squelch)
>Pin #3 PTT
>Pin #4 nc
>Pin #5 RX audio
>Pin #6 GND
>Pin #7 +12v
>Pin #8 nc
>Pin #9 GND
>
>now....back to editing the manual and thanks to Dick Mead for pointing
that
>out.... (i gotta get some sleep!!)
>
>
>          Bill Kearns WB6JAR
>          909-678-6228
>
>          /// \\
>         ///// \\\
>        ( 0   0 )
>-----o00--( _)--00o-----
```

You really ought to get some sleep! Tell me which PacComm product manual you have and I'll tell you which page number to turn to. The above is NOT our pinout!

Gwyn Reedy, WIBEL  
PacComm Packet Radio Systems

gwyn@paccomm.com  
http://www.paccomm.com  
Gwyn Reedy, W1BEL  
PacComm Packet Radio Systems  
http://www.paccomm.com

```
begin 600 WINMAIL.DAT
M>)\^(B<2`0:0" ` $` ``````!` ` $` ``0>0!a`(` ``Y 0` ``````#H` ``$(a <
M& `` `` $E032Y-:6-R;W-09G0a36%I;`"Y.;W1E` ##(`0V ! ` ``````a` `` `` $ $
MD 8`# $` `` $` `` ,` `` `` P` ,` ,` (`` `` +` `` \.`` `` `` ( !_P\!`` `` /P` `` ``
M` `` " !*Q^DOJ,0&9UN` -T!#U0`` `` `` &%P<G-S:6= =&%P<BY0<F<`4TU44 !A
M<' )S<VEG0`1A<' (N;W)G` `` >` `` (P`0` `` `` 4` `` !33510` `` `` !X` `` S !` ``
M$0` `` &%P<G-S:6= =&%P<BY0<F<` `` `` P`5# $` `` `` #` /X/!a` `` !X` `` 3 !
```



-----  
End of APRSSIG Digest 794

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From aprssig@tapr.org Sun Dec 08 03:19:43 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1710 ; Sun, 08 Dec 96 02:54:01 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id QAA09265; Fri, 6 Dec 1996 16:15:02 -0600  
(CST)  
Date: Fri, 6 Dec 1996 16:15:02 -0600 (CST)  
Message-Id: <199612062215.QAA09265@tapr.org>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:7011] APRSSIG digest 793  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group

APRSSIG Digest 793

Topics covered in this issue include:

- 1) Re: Port Definitions from W10N-3  
by "John B. Leonard, Jr" <jleonard@tbcnet.com>
- 2) Re: Port Definitions from W10N-3  
by Dayglo <dayglo@radix.net>
- 3) APRS From TX  
by Tommie Taylor <tomcmugs@n-link.com>
- 4) Garmin 20 problem  
by Clifford Buttschardt <cbuttsch@slonet.org>
- 5) Re: Question on beacons  
by Mike Musick <71301.3106@CompuServe.COM>
- 6) Re: Garmin GPS II  
by David Wells <davew@cruzio.com>
- 7) SUPCALLS & LLIST vs BUDCALLS & BUDLIST  
by kb6lfm <kb6lfm@ix.netcom.com>
- 8) Re: Colors on WinAPRS

- by Barbara Fehner <fehner@acts.com>
- 9) Help needed with getting on APRS with PICO Packet  
by WagWagnon@aol.com
- 10) Re: APRS From TX  
by dkaszubski@why.net (dkaszubski)
- 11) Re: Question on beacons  
by Steve Childress <stevech@pacbell.net>
- 12) Re: Help needed with getting on APRS with PICO  
by rwf <rwf@mindspring.com>
- 13) Flight of the EAGLE  
by Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
- 14) DeLorme Tripmate  
by Joe Scalet <jscalet@dound.net>
- 15) Re: DLG Location System -Reply  
by Jim Olsen <JIM\_OLSEN@novell.com>
- 16) W10N-3  
by Tom Kinahan <kinahan@cassatt.Mass-USR.COM>
- 17) Re: Help needed with getting on APRS with PICO Packet  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 18) Re: Help needed with getting on APRS with PICO  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 19) Re: DeLorme Tripmate  
by jkozak@erols.com (John W. Kozak)
- 20) Re: APRS From TX  
by "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
- 21) Re: Flight of the EAGLE  
by Neil Lauritsen <scout@gte.net>
- 22) Help w/ registration of APRS  
by sjking@juno.com (Steven J King)
- 23) oops...slight goof  
by Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
- 24) Re: Flight of the EAGLE  
by Paul Stump <n01rf@computer-services.com>
- 25) A/Navy FBALL run underway  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 26) Re: oops...slight goof  
by Neil Lauritsen <scout@gte.net>

---

Date: Thu, 05 Dec 1996 17:26:20 -0600  
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>  
To: aprssig@tapr.org

Subject: Re: Port Definitions from W10N-3  
Message-ID: <1.5.4.32.19961205232620.006deb14@tbcnet.com>

The Buckmaster Callsign Lookup sez:

W10N is

MITRE BEDFORD AMATEUR RADIO CLUB (KB1JY-TR)  
Mitre Corp 202 Burlington Rd  
Bedford, MA 01730

Country of License : USA  
Birth Date : 10/15/1942  
Expiration Date : 08/01/2006  
Email address unknown.

At 16:07 12/5/96 -0600, you wrote:

>

> BTW, according to my 1994 callbook, W10N is listed as Arthur P.  
Peardon, 139

>Buckskin Path, Centerville MA 02632. Not that I'm suggesting any course  
of action

>by having this address, of course. 73

>

-----  
J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com  
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>  
American Red Cross Disaster Services - DeKalb Co Chapter

-----  
Date: Thu, 05 Dec 1996 19:29:30 -0500  
From: Dayglo <dayglo@radix.net>  
To: aprssig@tapr.org  
Subject: Re: Port Definitions from W10N-3  
Message-ID: <2.2.32.19961206002930.00727c98@pop.radix.net>

Adding to this a bit QRZ (<http://www.qrz.com>) on the Internet had this to  
add about W10N:

Trustee: KENNETH H WICKWIRE KB1JY

Callsign: KB1JY  
Name: KENNETH H WICKWIRE  
Addr1: 232 NORTH RD 17  
Addr2: BEDFORD MA 01730  
Country: USA  
Class: Extra  
Effective: 23 Aug 1995  
Expires: 17 Sep 2001  
Born: 15 Oct 1942  
Location: 42.492 N 71.276 W Middlesex County

At 05:30 PM 12/5/96 -0600, you wrote:

>The Buckmaster Callsign Lookup sez:

>

>W10N is

>

>MITRE BEDFORD AMATEUR RADIO CLUB (KB1JY-TR)

>Mitre Corp 202 Burlington Rd

>Bedford, MA 01730

>

>Country of License : USA

>Birth Date : 10/15/1942

>Expiration Date : 08/01/2006

>Email address unknown.

-----

Date: Thu, 05 Dec 1996 19:05:59 -0800

From: Tommie Taylor <tomcmugs@n-link.com>

To: "aprssid@tpr.org" <aprssid@tpr.org>

Subject: APRS From TX

Message-ID: <32A78D97.2DBD@n-link.com>

Can anyone see us on there APRS Screen..

KC5UJH

We run ours here in Lampasas, TX 24hrs a day..

--

CUSTOM MUGS, 13 Dana drive, Lampasas Tx 76550-1113



http://www.web2.com/cmugs/  
Internet: tomcmugs@n-link.com / tomcmugs@juno.com  
Phone: (512) 556-4691 This is also a FAX Request line:)  
We Print your Color Photos onto coffee mugs.... Check us out.

-----  
Date: Thu, 5 Dec 1996 17:15:57 -0800 (PST)  
From: Clifford Buttschardt <cbuttsch@slonet.org>  
To: aprssig@tapr.org, mic-e@tapr.org  
Subject: Garmin 20 problem  
Message-ID: <Pine.GS0.3.95.961205170916.6174A-100000@oso.slonet.org>

My Garmin 20 obtained from TAPR works well when in continuous operation from an external power supply BUT on occasion simply refuses to display data. The serial data stream is there, but the device refuses to update. Simply breaking the 5 volt power which allows the unit to internally reset will again produce valid fix information for periods as long as a week.

This one is going to be rather hard to fix, but have any other members found this situation occurring? At least this is a start. Cliff K7RR

-----  
Date: 05 Dec 96 20:46:14 EST  
From: Mike Musick <71301.3106@CompuServe.COM>  
To: <aprssig@tapr.org>  
Subject: Re: Question on beacons  
Message-ID: <961206014614\_71301.3106\_FHJ77-1@CompuServe.COM>

Steve writes:

> I note that people are using beacons which transmit from an  
> unattended situation. Do the FCC regulations now allow one  
> to transmit in this manner, without a station operator present  
> nor a supervisory remote control link?

Yes, and the answer is:

97.221 Automatically controlled digital station.

(b) A station may be automatically controlled while transmitting a RTTY or data emission on the 6m or shorter wavelength bands, and on... [numerous HF segments].

and:

97.109 Station control.

(d) When a station is being automatically controlled, the control operator need not be at the control point.  
...[qualified station types, which includes the above]

So we're covered.

...mike/N0QBF (Official Observer)  
71301.3106@compuserve.com

-----

Date: Thu, 5 Dec 1996 21:07:03 -0600 (CST)  
From: David Wells <davew@cruzio.com>  
To: aprssig@tapr.org  
Subject: Re: Garmin GPS II  
Message-ID: <9612051859.aa01132@bbs.cruzio.com>

At 03:24 PM 12/4/96 -0600, you wrote:

>Anyone familiar w/ the Garmin GPS II?

>Does it have a removable antennae?

>NMEA output?

>

>any other comments?

>

>thanks in advance!

>73 de N2XDD Ed Wilson

>

>.-

>

They have all been recalled for a software glitch.

Dave KD6TO

David L. Wells KD6TO (KD6 Teletype Operator)  
INTERNET: davew@cruzio.com  
Watsonville, CA USA

-----

Date: Thu, 05 Dec 1996 19:16:03 -0800  
From: kb6lfm <kb6lfm@ix.netcom.com>  
To: aprssig@tapr.org  
Subject: SUPCALLS & LLIST vs BUDCALLS & BUDLIST  
Message-ID: <32A78FF3.5411@ix.netcom.com>

I see a lot of references to "BUDLIST/BUDCALLS" to remove unwanted stations from being displayed. "BUDLIST/BUDCALLS" will accomplish this... but...! My experience (KAM+) shows that these stations continue to be gated and digipeated. I have found "SUPCALLS/LLIST" to be much more effective. The callsigns in "SUPCALLS" will continue to be logged in your "DIGIPEATERS USED" list but will not show-up on screen, nor will they be Gated or Digipeated.

Bill KB6LFM  
"Left Coast Gateway Station" in San Francisco

-----

Date: Thu, 05 Dec 1996 19:28:55 -0800  
From: Barbara Fehner <fehner@cts.com>  
To: aprssig@tapr.org  
Subject: Re: Colors on WinAPRS  
Message-ID: <2.2.32.19961206032855.006f1bbc@mail.cts.com>

I would refer you to a basic textbook on optics dealing with the difference between reflected light (the paper map) and transmitted light (the crt screen).

One should have a knowledge of the trees before trying to understand the forest.

No offence taken.

Barbara KK6IB

E-Mail: fehner@acts.com

-----  
---  
At 07:08 AM 12/5/96 -0600, you wrote:  
>Paper maps, which I'm sure you've read before, are on white paper! Why  
>not use the colors that Rand-McNally have been using for years? If a  
>person can see the fetures of the program for the color of the  
>background..... how does that go? Can't see the forest for the trees?  
>  
>Don't take offense, this is just an opinion.  
>  
>On Wed, 4 Dec 1996, Barbara Fehner wrote:  
>  
>> There are at least two people in the San Diego area who would like to use  
>> WAPRS but don't because of the background color. Most of the others here  
>> that use it have complained about the way the maps look. The problem is  
that  
>> when I make my maps I choose the colors according to the contrast with  
the  
>> black background. When the map is displayed on a white background the  
>> contrast is reversed making the less prominent features stand out and the  
>> important features wash out. I also would like to see the choice of a  
black  
>> or dark grey background.  
>>  
>> Barbara KK6IB  
>> E-Mail: fehner@acts.com  
>>  
>  
>  
>

-----  
Date: Thu, 5 Dec 1996 22:29:14 -0500  
From: WagWagnon@aol.com  
To: aprssig@tapr.org  
Subject: Help needed with getting on APRS with PICO Packet  
Message-ID: <961205222913\_1952637020@emout17.mail.aol.com>

Hi,

I am have a PICO Packet with an internal GPS which I am running on APRS using  
a MFJ Packet Tranceiver.

I am not able to get it set up right to acknowledge the GPS. When I start up the APRS program (ver 7.7e) it asks which port I am going to use. I then assign it to COM 1. It then asks me if I am going to use another port and this is where I am lost. If I answer "yes" then the system later on hangs up on me when I set up the GPS. If I answer "No" then when I go to set up the GPS, it says that I do not have any port available to install the GPS. The GPS is internal and it supplies all the data on one port, so I am told. I have contacted PACOMM and they say that they are not that familiar with the APRS program.

If anyone is using this PICO Packet with Internal GPS, I would greatly appreciate it if you could furnish me the information on setting up the unit with APRS.

Thanks,

Wag.... W9IUP

-----

Date: Thu, 05 Dec 1996 22:40:10 -0800  
From: dkaszubski@why.net (dkaszubski)  
To: aprssig@tapr.org  
Subject: Re: APRS From TX  
Message-ID: <32A7BFCA.6E93@why.net>

Tommie Taylor wrote:

>

> Can anyone see us on there APRS Screen..

> KC5UJH

> We run ours here in Lampasas, TX 24hrs a day..

We see you in the Dallas-Fort Worth area most of the time.

--

Dave Kaszubski           WB3FYV  
dkaszubski@why.net       also:   ustuia6v@ibmmail.com  
Benbrook, Texas   N 32 40.319'   W 097 26.844'

President of the   Texas Utilities Amateur Radio Club,  
                    Comanche Peak Chapter  
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society  
Still experimenting with APRS...  
<http://users.why.net/dkaszubski/>

-----

Date: Thu, 5 Dec 1996 21:06:38 -0800  
From: Steve Childress <stevech@pacbell.net>  
To: "'aprssid@tapr.org'" <aprssid@tapr.org>  
Subject: Re: Question on beacons  
Message-ID: <01BBE2F0.3517C800@app-206-170-121-32.sndg02.pacbell.net>

----- =\_NextPart\_000\_01BBE2F0.351F6920  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thanks for the info - a more liberal FCC these days!

----- =\_NextPart\_000\_01BBE2F0.351F6920  
Content-Type: application/ms-tnef  
Content-Transfer-Encoding: base64

eJ8+IicFAQaQCAAEAAAAAAAAABAAEAAQeQBGAIAAAA5AQAAAAAAAAADoAAENgAQAAgAAAAIAAgABBJAG  
AAwBAAABAAAADAAAAAMAADADAAAAACwAPDgAAAAACAf8PAQAAAD8AAAAAAAAAgSsfPL6jEBmdbgDd  
AQ9UAgAAAABhcHJzc2lnQHRhcHIub3JnAFNNVFAAYXByc3NpZ0B0YXBYLm9yZWAAHgACMAEAAAAF  
AAAAU01UAAAAAAAAeAAMwAQAAABEAAABhcHJzc2lnQHRhcHIub3JnAAAAAAMAFQwBAAAAAwD+DwYA  
AAAEAAEwAQAAABMAAAAnYXByc3NpZ0B0YXBYLm9yZyAAAIBCzABAAAAFgAAAFNNVFA6QVBSU1NJ  
R0BUQVBBSLk9SRwAAAAAAMADkAAAAACwBA0gEAAAACAfYPAQAAAAQAAAAAAAAADEy4BCIAHABgAAABJ  
UE0uTW1jcm9zb2Z0IE1haWwuTm90ZQAxCAEEgAEAKwAAAFJF0iBbQVBSU1NJRzo20TkWXSBSZTog  
UXVlc3Rpb24gb24gYmVhY29ucwBVDQEFgAMADgAAAMwHDAAFABUABgAmAAQAKQEBIADAA4AAADM  
BwwABQAVAAAYADwAEABIBAQMAAQAhAAAAANjg5MDg4Q0FFMTRFRDAXMUJCODM0NDQ1NTM1NDAAWMDAA  
4QYBA5AGACACAAASAAAAACwAjAAAAAADACYAAAAAAAsAKQAAAAAAAAAwA2AAAAABAADkAYGaCQjPj

uwEeAHAAAQAAACsAAABSRTogW0FQU1NTSUc6Njk5MF0gUmU6IFF1ZXN0aW9uIG9uIGJlYWVbnMA  
AAIBcQABAAAAFgAAAAG74zNCecqIkG1O4RHQu4NERVNUAAAAAB4AHgwBAAAABQAAAFNNVFAAAAAA  
HgAfDAEAAAAUAAAAc3R1dmVjaEBwYWNiZWxsLm51dAADAAYQJQFH9gMABxApAAAAHgAIEAEAAAAq  
AAAAVEhBTktTRk9SVEhFSU5GTy1BTU9SRUxJQkVSQUxGQ0NUSEVTRURBWVMAAAACAQkQAQAAAM8A  
AADLAAAAfwEAAExaRnWX9//y/wAKAQ8CFQKobesCgwBQAvIJAgBjaArAc2V0MjcGAAbDAoMyA8UC  
AHByQnER4nN0ZW0CgzN3AuQHEwKAfQqACM8J2Tvxfg8yNTUCgAqBDDELy0BuZzEwMxRQCwoUUSUL  
8mMAQCBUEYBua4cEIAIQBcB0aGUgC4DBAhAgLSbhIARgFhAwIGxpYgSQB0AgRoxDQxuSEbAgZGET  
sM4hCoUKixzAMzYN8Bnc9RNQbxPQYwVAHj8fTyBfCwqyFTEAJ0AAAwAQEAAAAADABEQAQAAAEAA  
BzAg9ww1M+07AUAACDAg9ww1M+07AR4APQABAAAABQAAAFJF0iAAAAAX3s=

----- =\_NextPart\_000\_01BBE2F0.351F6920--

-----  
Date: Thu, 05 Dec 1996 21:39:07 -0500  
From: rwf <rwf@mindspring.com>  
To: aprssig@tapr.org  
Subject: Re: Help needed with getting on APRS with PICO  
Message-ID: <3.0.32.19961205213535.006a6d60@mindspring.com>

Tell it you have only 1 port (usually Com1), and that the TNC is a Pico.

You must have a GPS registration number for APRS from WB4APR. (I think you are still waiting on that - I sent him a message for ya)

Once you have done this, go to the terminal window screen (O C T ) and set the command LGE \$05 This will set the Pico up to talk to APRS. There are a few other things, but these are the ones that cause the most problems.

At 09:35 PM 12/5/96 -0600, you wrote:

>Hi,

>

>I am have a PICO Packet with an internal GPS which I am running on APRS using

>a MFJ Packet Tranceiver.

Ralph Fowler, N4NEQ  
Advisor  
rwf@mindspring.com  
Atlanta, GA USA  
Web: <http://www.mindspring.com/~rwf> for APRS, ATV, Balloon,  
and Ham info  
My hobby is tracking Vehicles and other things using Ham Radio and APRS.  
Ask me how!

-----  
Date: Fri, 06 Dec 1996 07:27:34 -0500  
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>  
To: aprssig@tapr.org  
Subject: Flight of the EAGLE  
Message-ID: <32A81135.1EE3@co.pinellas.fl.us>

Greetings!

For those who received the flight data from EAGLE 4 last night, here are  
the answers to your questions:

Eagle is the radio codename for the aircraft used by the Pinellas  
County Sheriff's Office in Clearwater, Florida. Here is the  
information on last night's mission:

1. Purpose: To test the use of a stand alone GPS tracker on APRS inside  
a fast moving helicopter for the upcoming special event "Ride with the  
Stars" on Saturday, December 7, 1996.
2. Equipment: Magellan XL GPS, KPC-3 TNC in GPS MODE, Motorola MT-1000  
portable radio, 7 amp hour gel cell battery, and suction cup mount for  
GPS antenna.
3. Aircraft: 1992 French made ASTAR jet helicopter, FAA ID N53SD  
equipped with a 50,000 candlepower NightSun spotlight and Forward  
Looking Infrared (FLIR) sensor.
4. The crew: Pilot: Deputy Charles Tarrou  
Co-Pilot/Observer: Deputy Joseph Lawson



Airborne Tracking Specialist: Det. Kevin Heyboer KD4UYR

Note: Both Dep Tarrou and Dep Lawson are the combat veterans who were shot at during the recent riots in St. Petersburg.

5. The mission: GPS tracker test during routine patrol flight of the Eagle.

6. The results: Quite impressive, actually.

7. Problems encountered:

a. GPS took about 15 minutes to sync up on initial installation on the ground.

b. GPS lost satellite lock during high speed tight orbital turns during a search for a prowler and did not sync up for several minutes thereafter.

c. Gel cell died after about 1 hour use.

Anyone interesting in obtaining a log of the flight may do so by sending me a PRIVATE e-mail and I will send it as an attachment.

Watch for SANTA to travel from PIE to the very southern tip of Pinellas County on Saturday, December 7, 1996 at some time between 0900 and 1000 Eastern Standard Time.

You can obtain more information on the Pinellas County Sheriff's Office and Everett S. Rice, Sheriff of Pinellas County, at:

<http://www.co.pinellas.fl/sheriff/index.html>

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\*\*\*\*\*  
Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us  
Amateur Radio Call: KD4UYR Packet Mail: KD4UYR@W4DPH.#TPA.FL.US  
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN  
Assistant Emergency Coordinator for Amateur Radio Emergency Service  
\*\*\*\*\*

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Date: Fri, 06 Dec 1996 08:49:14 -0800  
From: Joe Scalet <jscalet@dound.net>  
To: aprssig@tapr.org  
Subject: DeLorme Tripmate

Message-ID: <32A84E8A.A6C@dound.net>

I'm a registered user of Delorme products but did not get an upgrade flier prior to reading about it on this sig. I called them and got the BE32 code for upgrade, sent them a check on 11/25/96 and recieved the package on 12/5/96. So far I'm impressed with the service and the unit. Its my fourth GPS, each one has been better and cheaper. There's no such thing as too many toys.

-----

Date: Fri, 06 Dec 1996 07:57:10 -0700  
From: Jim Olsen <JIM\_OLSEN@novell.com>  
To: aprssig@tapr.org  
Subject: Re: DLG Location System -Reply  
Message-ID: <s2a7d85c.050@novell.com>

OK thanks for the info on this....

Jim Olsen  
jim\_olsen@novell.com

>>> <vodall@juno.com> 12/04/96 11:48pm >>>

>I have a request to anyone who can help me. My area has VERY  
limited  
>APRS activity (Utah). Could someone from a very active area please  
>send me a raw text file of the APRS traffic in your area for a period  
>of  
>time? This would help my development efforts greatly.

Jim,

There's zilch local APRS activity here, but I monitor 10.151 LSB packet  
and  
digi it out to the local node. If you can get on there, you'll have  
good  
stuff coming in all day long from around the country.

Good Luck.

>  
>Thanks in advance,  
>  
>Jim Olsen  
>jim\_olsen@novell.com

Bill, WA7NWP

-----  
Date: Fri, 06 Dec 1996 10:33:50 -0500  
From: Tom Kinahan <kinahan@cassatt.Mass-USR.COM>  
To: aprssig@tapr.org  
Subject: W10N-3  
Message-ID: <2.2.32.19961206153350.00cc25a8@cassatt>

We're working on the W10N-3 problem locally by trying to make contact though lots of means currently.

W10N is a recently re-issued vanity callsign issued to a club, I believe, at least there was another call on the station until recently. W10N is a club call with KB1JY as the trustee. However, I believe W1EO is the guy responsible for the APRS stuff there.

I recommend tactful messages by regular packet to w1eo@w10n.ma by packet might help.

73!

-Tom Kinahan N1CPE

-----  
Tom Kinahan                      Phone:              508-871-0305  
US Robotics                      Fax:                508-870-1689  
Massachusetts R&D Lab           Email:              kinahan@mass-usr.com  
4 Technology Drive              Amateur Radio:    N1CPE  
Westboro, Ma. 01581

-----  
Date: Fri, 6 Dec 1996 11:14:17 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: Help needed with getting on APRS with PICO Packet  
Message-ID: <Pine.GS0.3.95.961206111229.20036B-100000@arctic>

On Thu, 5 Dec 1996 WagWagon@aol.com wrote about his PICO TNC:

> I am not able to get it set up right to acknowledge the GPS. When I start  
up  
> the APRS program (ver 7.7e) it asks which port I am going to use. I then  
> assign it to COM 1. It then asks me if I am going to use another port and  
> this is where I am lost. If I answer "yes" then the system later on hangs  
up  
> on me when I set up the GPS. If I answer "No" then when I go to set up the  
> GPS, it says that I do not have any port available to install the GPS. The  
> GPS is internal and it supplies all the data on one port, so I am told.

APRSDOS REPLY/COMMENT: You should operate APRS with just a TNC on one  
COMM port. Then select alt-S-GPS-MODES-HSP. That tells aprs that ur GPS  
will be combining its data with the TNC. It has no dedicated port as far  
as APRS is concerned...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----  
Date: Fri, 6 Dec 1996 11:20:31 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Re: Help needed with getting on APRS with PICO  
Message-ID: <Pine.GS0.3.95.961206111840.20036D-100000@arctic>

On Thu, 5 Dec 1996, rwf wrote:

> Tell it you have only 1 port (usually Com1), and that the TNC is a Pico.  
> Use alt-S-GPS-MODES-HSP

> then alt-S-SAVE to enter your GPS validation number  
> Once you have done this, go to the terminal window screen (O C T ) and set  
> the command LGE \$05 This will set the Pico up to talk to APRS.  
There  
> are a few other things, but these are the ones that cause the most  
problems.

APRSdos REPLY/COMMENT: I edited Ralphs response a little to be more  
sepecific..

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----

Date: Fri, 6 Dec 1996 11:35:25 -0500 (EST)

From: jkozak@erols.com (John W. Kozak)

To: aprssig@tapr.org

Subject: Re: DeLorme Tripmate

Message-ID: <199612061635.LAA11772@smtp1.erols.com>

Joe Scalet <jscalet@dound.net> wrote

>I'm a registered user of Delorme products but did not get an upgrade  
>flier prior to reading about it on this sig. I called them and got the  
>BE32 code for upgrade, sent them a check on 11/25/96 and recieved the  
>package on 12/5/96. So far I'm impressed with the service and the unit.  
>Its my fourth GPS, each one has been better and cheaper. There's no such  
>thing as too many toys.  
>

Well I just got mine yesterday. It installed fine on the home computer but  
was touch and go on my laptop. Delorme says use a minimum of a 486DX with 8  
meg memory and 10 meg swapfile. I've got it running (S L O W L Y) on a  
386SX25 running Win 3.1 with 4 meg ram, corrupt swapfile, broken trackball  
and a pretty full compressed 80 meg harddrive. Its amazing it works at all.  
Next comes wiring up a regulator for the GPS. The 386 package takes forever  
to boot and initialize, so I plan on leaving the whole works powered up most  
of the time..

John Kozak; N3AGG

jkozak@erols.com

-----  
Date: Fri, 6 Dec 1996 10:45:44 -0600 (CST)  
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>  
To: aprssig@tapr.org  
Subject: Re: APRS From TX  
Message-ID: <Pine.LNX.3.91.961206104518.1863A-100000@bulldog.afsc.k12.ar.us>

I think I've seen this call up here in the Ozarks.

On Thu, 5 Dec 1996, Tommie Taylor wrote:

> Can anyone see us on there APRS Screen..  
> KC5UJH  
> We run ours here in Lampasas, TX 24hrs a day..  
>  
> --  
> CUSTOM MUGS, 13 Dana drive, Lampasas Tx 76550-1113  
> <http://www.web2.com/cmugs/>  
> Internet: tomcmugs@n-link.com / tomcmugs@juno.com  
> Phone: (512) 556-4691 This is also a FAX Request line:)  
> We Print your Color Photos onto coffee mugs.... Check us out.  
>

-----  
Date: Fri, 06 Dec 1996 12:26:35 -0500  
From: Neil Lauritsen <scout@gte.net>  
To: aprssig@tapr.org  
Subject: Re: Flight of the EAGLE  
Message-ID: <32A8574B.97C@gte.net>

Kevin Heyboer wrote:

> 6. The results: Quite impressive, actually.  
>  
> 7. Problems encountered:

IN ADDITION to those few problems listed by Kevin: The following was noted - We projected the DOSAPRS version through an overhead mounted video projector onto a large screen at our regular monthly ARES meeting so that it was easily seen by all present. The helicopter symbol came up as expected and following it on the map was very easy..however When I did a REPLAY on my home WinAPRS setup..the helicopter was only seen as a DOT..Not a helicopter as expected..since this is a stand alone tracker setup on the copter, is there a way for something to be put into the beacon strings which works for both the DOS and WIN versions so that the helicopter symbol is seen by all no matter which operating system version one is using??

TNX,

Watch for SANTA to travel from PIE to the very southern tip of Pinellas County on Saturday, December 7, 1996 at some time between 0900 and 1000 Eastern Standard Time. (TOMMORROW)

--

Neil - KA3DBK

EC Pinellas Co. FL. ARES

ka3dbk@w4dph.#tpa.fl.usa.na

email - "scout@gte.net"

Web Page(s) - "http://home1.gte.net/scout/index.htm"

Home Phone (813)441-3954

Sysop - ARES/RACES BBS!

(813)464-5279

(813)464-5280

-----

Date: Fri, 6 Dec 1996 09:39:53 EST

From: sjking@juno.com (Steven J King)

To: bruninga@ncsa.navy.mil

Cc: aprssig@tapr.org

Subject: Help w/ registration of APRS

Message-ID: <19961206.133058.6583.0.SJKing@juno.com>

I'm not sure which is the correct address to ask this question so please forgive me if I am wrong.

Does the \$30 registration fee cover all future releases of the DOS and

Windows 3.1 version of APRS, or does it cover only the current version (7.7e)? I presume the \$24 and \$26 club rates for 10+ and 5+ users, respectively, is in addition to the \$30 base price? Is that price the "initial order" or the "separate order" rate? When requesting the club rates, is the registration based on the club callsign or any one callsign or each of the callsigns, i.e., is there only one V# issued for the club rate or is each person issued their own V#?

Thank you for your help.

Steve KC6WCH

-----  
Date: Fri, 06 Dec 1996 13:47:23 -0500  
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>  
To: aprssig@tapr.org  
Subject: oops...slight goof  
Message-ID: <32A86A3B.1834@co.pinellas.fl.us>

For those who were interested ref the EAGLE and the Pinellas County Florida Sheriff's Office, our home page is actually:

<http://www.co.pinellas.fl.us/sheriff/index.html>

I left the "us" off the original post....thanks

--

\*\*\*\*\*  
Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us  
Amateur Radio Call: KD4UYR Packet Mail:KD4UYRaW4DPH.#TPA.FL.US  
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN  
Assistant Emergency Coordinator for Amateur Radio Emergency Service  
\*\*\*\*\*

-----  
Date: Fri, 06 Dec 1996 13:18:15 -0600  
From: Paul Stump <n01rf@computer-services.com>  
To: aprssig@tapr.org  
Subject: Re: Flight of the EAGLE  
Message-ID: <32A87177.7091@computer-services.com>



> When I did a REPLAY on my home WinAPRS setup..the helicopter was only  
> seen as a DOT..Not a helicopter as expected..since this is a stand alone  
> tracker setup on the copter, is there a way for something to be put into  
> the beacon strings which works for both the DOS and WIN versions so that  
> the helicopter symbol is seen by all no matter which operating system  
> version one is using??

You might try adding -6 to the end of your MYCALL.  
Or, as the first three characters of your BTEXT, use {X}.

-----

Date: Fri, 6 Dec 1996 15:07:52 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: A/Navy FBALL run underway  
Message-ID: <Pine.GS0.3.95.961206150417.26254B-100000@arctic>

We are using the path of RELAY,WIDE,WIDE on 145.79 MHz and hope that we  
can work around the failed digipeater at Elk Neck (WB4APR-11). Football  
should arrive in Philly at 0700 tomorrow AM. In anycase, if you have a  
UHF scanner that can hear frequencies in the range of 260 MHz, then you  
should be able to hear the packets direct, anywhere in the country.  
Contact me for details...

-----

Date: Fri, 06 Dec 1996 17:08:53 -0500  
From: Neil Lauritsen <scout@gte.net>  
To: aprssig@tapr.org  
Subject: Re: oops...slight goof  
Message-ID: <32A89974.674E@gte.net>

Kevin Heyboer wrote:

>  
> For those who were interested ref the EAGLE and the Pinellas County  
> Florida Sheriff's Office, our home page is actually:  
>  
> <http://www.co.pinellas.fl.us/sheriff/index.html>

Correction: "http://circuit6.co.pinellas.fl.us/sheriff.html"

Neil - KA3DBK

EC Pinellas Co. FL. ARES

ka3dbk@w4dph.#tpa.fl.usa.na

email - "scout@gte.net"

Web Page(s) - "http://home1.gte.net/scout/index.htm"

Home Phone (813)441-3954

Sysop - ARES/RACES BBS!

(813)464-5279

(813)464-5280

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End of APRSSIG Digest 793

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From aprssig@tapr.org Sun Dec 08 11:24:31 1996

Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP

id AA1711 ; Sun, 08 Dec 96 10:59:17 UTC

Received: from tapr.org (localhost [127.0.0.1]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id MAA24810; Sun, 8 Dec 1996 12:52:23 -0600 (CST)

Date: Sun, 8 Dec 1996 12:52:23 -0600 (CST)

Message-Id: <199612081852.MAA24810@tapr.org>

Reply-To: aprssig@tapr.org

Originator: aprssig@tapr.org

Sender: aprssig@tapr.org

Precedence: bulk

From: aprssig@tapr.org

To: aprssig@tapr.org

Subject: [APRSSIG:7056] APRSSIG digest 795

X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas

X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group

APRSSIG Digest 795

Topics covered in this issue include:

- 1) Re: Win95/Java Internet Explorer Question  
by schiers@ames.net
- 2) Re: Win95/Java Internet Explorer Question

- by Steve Dimse <sdimse@bridge.net>
- 3) Tripmate first impressions  
by Steve Dimse <sdimse@bridge.net>
- 4) Re: GPS 25 mcx conn...  
by Paul Stump <n0lrfa@computer-services.com>
- 5) Re: Tripmate first impressions  
by Mark Humphrey <markay100.com>
- 6) APRSdos MAP needs  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 7) Re: Bob WD6D0D  
by James Kerns <jkerns@usit.net>
- 8) Re: KPC3 - Tripmate  
by Mark Fellhauer <sparkfel@primenet.com>
- 9) Re: Tripmate first impressions  
by Demos Doulou <ddoulou@gte.net>
- 10) RE:Tripmate GPS unit  
by rwf <rwf@mindspring.com>
- 11) SANTA flight cancelled  
by Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
- 12) 1997 Orlando HamCation & Computer Show  
by wa4ikq@nevets.oau.org (Geoffrey Dick)
- 13) Re: [APRS-FL:726] 1997 Orlando HamCation & Computer Show  
by Steve Dimse <sdimse@bridge.net>
- 14) APRS Manual  
by "Jacques C. VOISIN" <jvoisin@nebula.ispace.com>
- 15) SPELLING TEST & READING COMPREHENSION  
by wa4ikq@nevets.oau.org (Geoffrey Dick)
- 16) Resetting TNC  
by Bob Bruninga <bruninga@nadn.navy.mil>

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Date: Sat, 07 Dec 96 13:08:12 -0600  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: Win95/Java Internet Explorer Question  
Message-ID: <199512071907.NAA01648@brain.ames.net>

In <1.5.4.32.19961207170233.0069fda0@pop3.galesburg.net>, on 12/07/96 at 11:02 AM,

"Benjamin K. Derry" <derryb@galesburg.net> said:

>Hi. As far as I know Win95 comes with IE 1.0 which doesn't support java.

>Unless they remastered there CD or 3.5" Disks recently to include IE 3.0.

>Ben (N9VPU)

The latest CD comes with version 3.1 and had good java support. Now, I need to find why real audio doesn't work. The RA player comes up after I click on a site with an RA icon, but nothing loads or plays. Anyone have any suggestions? 73,

hasan schiers, NOAN

-----  
schiers@ames.net  
-----

-----  
Date: Sat, 7 Dec 96 15:11:40 -0000  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tpr.org>  
Subject: Re: Win95/Java Internet Explorer Question  
Message-ID: <199612072011.PAA17668@newworld.bridge.net>

>The latest CD comes with version 3.1 and had good java support. Now, I  
>need to find why real audio doesn't work. The RA player comes up after I  
>click on a site with an RA icon, but nothing loads or plays. Anyone have  
>any suggestions? 73,  
>

Buy a Mac!

Steve K4HG

-----  
Date: Sat, 7 Dec 96 15:50:32 -0000  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssig@tpr.org>  
Subject: Tripmate first impressions  
Message-ID: <199612072050.PAA20751@newworld.bridge.net>

Well, I went out and got one at Computer City for \$149.95, minus a 20 coupon I had from them. DeLorme wouldn't accept my Mac registration number for the direct upgrade.

I had to wire up a cable to the Mac, used the trick of connecting pins 2&3, and worked perfectly.

Cold time to first fix 2 min 10 sec. Sitting on the windowsill. Wow!

This must indeed be a 12 chan parallel receiver with that kind of lock up time. It is also very fast to track turns in the car, none of the lag you see in the single channel multiplexed units like the GPS 20/45/etc.

The unit does not have a clock that runs when the unit is powered down, so each power-up is a cold start...good thing it locks up fast. It does seem to store the last posit and the almanac...most of the startup time seem to be the search for the first sat to get the date/time, then it locks up fast.

The unit also reaquires the signal in a few seconds, again typical of multi channel units, important in a urban setting where signals get blocked by buildings.

Opening it up, the patch antenna is soldered to the top of the metal shielding, it will be tough to attach an external antenna. Lots of room to build in the power supply though. Anybody with a variable voltage power supply tried to see how low the power can go? It'd be nice to run off a simple 5v regulator, but it isn't much tougher to use a variable regulator to get 6v.

In summary, a great GPS for peanuts.

I sure wish I hadn't bought two of the GPS-20's. I'll keep one for the TAC, but if anyone wants to buy one (tested once, otherwise unused with virgin cables) I'll give you a great deal! Maybe for the next purchase TAPR could look into getting some of these Rockwell units. Strip off the software, serial cable, plastic case and antenna and DeLorme can't be paying more than \$50 for these units. We couldn't buy as many, but still should be a lot less than the GPS-20.

Steve K4HG

-----

Date: Sat, 07 Dec 1996 15:40:22 -0800  
From: Paul Stump <n01rf@computer-services.com>  
To: aprssig@tapr.org  
Subject: Re: GPS 25 mcx conn...  
Message-ID: <32AA0066.4172@computer-services.com>

> I sure don't recommend removing the MCX connector from a PCB!  
> Remember that those are multi-layer circuit boards and they are  
> easy to damage. It takes less than 5 minutes to put an MCX  
> connector on a piece of cable even without fancy tools.  
>

Please bear in mind that the connector came off, leaving the  
traces intact. Like I said, "be slow and careful" -not for the  
faint of heart...

--

73, Paul, n01rf@computer-services.com

-----

Date: Sat, 07 Dec 1996 17:47:02 -0500  
From: Mark Humphrey <mark@y100.com>  
To: aprssig@tapr.org  
Subject: Re: Tripmate first impressions  
Message-ID: <32A9F3E6.7708@y100.com>

Steve Dimse wrote:

> In summary, a great GPS for peanuts.  
>

I ordered one a few days ago, haven't received it yet, but I appreciate  
the good reports!

The big question:

Has anyone taken the Tripmate in an aircraft yet, and does it have an  
upper speed limit like the Garmin 45? Any comments on the accuracy of  
the altitude reading?

I'm planning to demonstrate mobile APRS to a friend who is a pilot -- hope the Tripmate will work in place of my Garmin...

73, Mark KE3XY  
markay100.com

-----  
Date: Sat, 7 Dec 1996 17:59:43 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: APRSdos MAP needs  
Message-ID: <Pine.GS0.3.95.961207175118.27710A-100000@arctic>

While recently going through and re-saving all of my standard distro maps in Compressed format, I noted that some do not meet my current standards for the reasons shown. While eventually, I may get around to fixing these, if there is anyone else with the 2,000,000 USGS data that wanted to fix these, then feel free to do so!

Emaps: NYAlbany tall format, not wide enough  
NYcentral sparse  
ONQuebec very sparse  
SEmaps: ALBirmingham tall format, not wide enough  
LAcentral tall format, not wide enough  
Cmaps: NDNE needs labels  
MTwest needs labels  
NEOmaha tall format, not wide enough  
Wmaps: NVVegas tall format, not wide enough

If any of these maps are the only thing that covers your area, lemme know and I can then prioritize my time as to where to start, if no one else does it...

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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Date: Sat, 7 Dec 1996 19:21:23 -0500 (EST)  
From: James Kerns <jkerns@usit.net>  
To: aprssig@tapr.org  
Subject: Re: Bob WD6D0D  
Message-ID: <199612080021.TAA04995@smtest.usit.net>

Bob how do you reset TNC am I dumb???

Jim Kerns  
N4PUQ  
jkerns@usit.net  
Oliver Springs, Tn.  
(just outside Oak Ridge where everyone glows in the dark!!)

-----

Date: Sat, 7 Dec 1996 19:25:48 -0700 (MST)  
From: Mark Fellhauer <sparkfel@primenet.com>  
To: aprssig@tapr.org, aprssig@tapr.org  
Subject: Re: KPC3 - Tripmate  
Message-ID: <1.5.4.16.19961207192550.2fe7b336@mailhost.primenet.com>

At 06:58 PM 12/6/96 -0600, Demos Doulou wrote:

>Has anyone sucesfully interfaced the Tripmate with a KPC3?  
>

It <<SHOULD>> work great. The KPC-3 will interface to most NMEA standard GPS units unbuffered. My KPC-3 works fine (with a Magellan Trailblazer XL) just by attaching the NMEA data out (NMEA +) to pin 2 and the NMEA Ground to pin 7 of the KPC-3's serial connector. Of course the Tripmate requires a data input also, this goes to pin 3 on the serial connector. The KPC-3 can then send the proper initiation string to the Tripmate.

WARNING: The KPC-3 provides RS-232 voltage levels. I don't know if the Tripmate GPS can handle that voltage.

Has anyone out there tried it? I assume the Tripmate is robust enough to handle it.

Mark KC7BXS



-----  
Date: Sat, 07 Dec 1996 21:35:08 -0500  
From: Demos Doulou <ddoulou@gte.net>  
To: aprssig@tapr.org  
Subject: Re: Tripmate first impressions  
Message-ID: <32AA295C.5E5@gte.net>

Mark Humphrey wrote:

>  
> Steve Dimse wrote:  
>  
> > In summary, a great GPS for peanuts.  
> >  
>

> The big question:  
> Has anyone taken the Tripmate in an aircraft yet, and does it have an  
> upper speed limit like the Garmin 45? Any comments on the accuracy of  
> the altitude reading?  
>  
>

I took a test drive with the Tripmate this weekend. Excellent unit!!  
Sitting on the dash of my truck I had a lock on 5 or more sats for 80%  
of the time and only lost lock for a couple of minutes during a four  
hour drive.

Altitude readings were +- 400 ft most of the time and I am at sea  
level. This is the same altitude errors that my Garmin 45 gave me.

Overall a great unit. I will most likely be buying a couple of more.

73

Demos KR4US  
Pinellas County Races Radio Officer  
ddoulou@amsat.org

-----

Date: Sat, 07 Dec 1996 22:02:28 -0500  
From: rwf <rwfamindspring.com>  
To: aprssig@tapr.org  
Subject: RE:Tripmate GPS unit  
Message-ID: <3.0.32.19961207214746.0068a760@mindspring.com>

Bill-

At 07:56 PM 12/6/96 -0600, you wrote:

<SNIP>

>Okay now for the interface. As I see it...  
>Tripmate- Pin #3 goes to PacComm Pin #5 (tx to receive audio)  
>PacComm-- Pin #1 goes to Tripmate Pin #2 (mic audio to rx)  
>Tripmate Pin #5 goes to PacComm Pin #6 (ground to ground)

GPSs output serial data. Why are you connecting Serial NMEA GPS data to the audio inputs/outputs of the TNC? Should go to the RS232 port instead.

<SNIP>

>mycall            callsign-9  
>btext            "AnyHAM's Mobile Tracker"  
>location        every 1  
>beacon every    60  
>unproto        aprs via wide,wide

I think that LOC may only be a Pico command. You are telling the Pico to begin to transmit your position EVERY 10 SECONDS (or is it 6 seconds- I forgot) if it doesn't get a position request via HSP from an attached APRS program. If you are standalone, you'll be transmitting so often that no one else will get a packet in edgewise.

And beaconing a tracker every 10 seconds in any network is sure not gonna make you very popular!

A path of RELAY,WIDE may work better for your tracker, especailly if your

DIGI is a WIDE-RELAY. That way, a home station can still digi you too.  
Many times, the WIDE will not hear you, but a home station may.

Ralph, N4NEQ  
rwf@mindspring.com

-----  
Date: Sat, 07 Dec 1996 23:23:49 -0500  
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>  
To: aprssig@tapr.org  
Subject: SANTA flight cancelled  
Message-ID: <32AA42D4.46EC@co.pinellas.fl.us>

My apologies to all but anyone watching for SANTA to fly aboard N53SD  
ASTAR helicopter was sadly dissapointed. The flight was cancelled due  
to an incoming weather front causing a ceiling at or below 1000 feet.

Additionally, due to a minor mechanical function, the ASTAR helicopter  
N53SD was replaced by the Bell Jet Ranger N1SD...with no prior planning  
on tracker installation so we never got any signals from the tracking  
unit.

Maybe next year.....

--

\*\*\*\*\*  
Kevin Heyboer E-Mail: kheyboer@co.pinellas.fl.us  
Amateur Radio Call: KD4UYR Packet Mail:KD4UYR@W4DPH.#TPA.FL.US  
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN  
Assistant Emergency Coordinator for Amateur Radio Emergency Service  
\*\*\*\*\*

-----  
Date: Sun, 8 Dec 96 01:11 EST  
From: wa4ikq@nevets.oau.org (Geoffrey Dick)  
To: aprs-fl@tapr.org  
Cc: aprssig@tapr.org  
Subject: 1997 Orlando HamCation & Computer Show

Message-ID: <m0vWcSs-000QdhCanevets.oau.org>

Reserve on your Calendar, February 15 & 16, 1997, for the finest hamfest in the Southeast: 1997 Orlando HamCation and Computer Show

It has been many months in planning, and I actually feel we have outdone ourselves. Our planned Forums will be the best ever, as were fortunate to have so many excellent volunteers, a star-studded line-up to help make it possible. To begin with, our APRS short forums will be from the experts. Bob Bruninga, WB4APR, will be traveling here from Glen Burnie, Maryland to present DosAPRS. Keith Sproul, WU2Z, and Mark Sproul, KB2ICI, will be joining with us to present MacAPRS and WinAPRS. Steve Demise, K4HG, has also promised to come and give us a talk on the Internet version, JavaAPRS. There will be an APRS Demo Booth in the Commercial area, where attendees can meet with the experts and obtain instant registrations. Clustered in the same area will be the Peet Bros Co. booth displaying home Weather Stations, Joe Agrelo in person to answer questions about his DFjr and other new products, along with Dr. Will Clement, manufacturer of MIM Modules. This is only the beginning. We have invited a famous NASA Female Astronaut to speak on Saturday. Our DX at its best will be the Kermadecs DX Adventure ZL8RU by Al Hernadez, WA3YVN, a dangerous Polynesian voyage to the South Pacific to a remote volcanic island. Emmett Henry, will give a down to earth type presentation on the Internet and the World Wide Web. Dust off that scanner in your closet. Bob Grove, publisher of Satellite Times and Monitoring Times will be giving a talk or two on Shortwave Listening. If time permits, he will tell you Who is Where in the Spectrum. Dr. Leslie Kramer, WA3SGZ, "Professor", of newly-formed LMARS Ham Radio University will be leading a Homebrew Ham Radio VHF SWR Meter construction on Sunday and participants will get to take one home. We have an Antenna Workshop forum demonstration of adding elements to Quad and Yagi Antennas - How many is enough? We will add them till we see diminishing returns. Weather Fax Image Downloads over the radio using homemade Loop Yagi and Quadrifillar Antennas will be demonstrated by Jesse Johnson, KB4IV0. Grounding for Lightning, How to Do it Right, will be presented by the wireman, Press Jones.

At the Radio Evaluation Booth, a Tektronix Communication Test Set, tracable to the National Bureau of Standards, will scope your radio for output into a precision load, measure frequency, depth of modulation, receiver sensitivity

and signal to noise ratio in one minute. We will not tune it or fix it, but will tell you enough about your radio that you will know if it is still at original company specs. If that is not enough, our Ladies Programs in the Social Hall will have an interesting set of forums on Saturday morning

and afternoon to keep your Spouse occupied.

Taking place on February 14, 15, and 16, 1997, at the Central Florida Fairgrounds, 4603 West Colonial Drive, Orlando, Florida, it will begin on Friday from 5pm to 9pm in the swap table area and end on Sunday at 4pm.

We have planned 150+ Commercial Exhibits, over 500 swap tables, and the largest tailgate area in Florida. There will be hourly prizes given, and testing on Saturday and Sunday, and QSL Card Verification. RV Overnight parking with Electric & Water is available.

A Fox Hunt is planned, with a very nice prize for the winner. Contact me for further details.

We just began mailing out our flyers on this event. If you do not get one in a week, send me an email message, or check out our Homepage:

<http://www.cycat.com/users/oarc/hamcat.htm>

I hope to see you there!

Geoffrey Dick, WA4IKQ  
Forums Chairman,  
Orlando HamCation and Computer Show  
[wa4ikq@nevets.oau.org](mailto:wa4ikq@nevets.oau.org)

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Date: Sun, 8 Dec 96 08:38:20 -0500  
From: Steve Dimse <[sdimse@bridge.net](mailto:sdimse@bridge.net)>  
To: <[aprs-fl@tapr.org](mailto:aprs-fl@tapr.org)>, <[aprssig@tapr.org](mailto:aprssig@tapr.org)>  
Subject: Re: [APRS-FL:726] 1997 Orlando HamCation & Computer Show  
Message-ID: <199612081338.IAA27185@newworld.bridge.net>

>To begin with, our APRS short forums will be from the experts.  
>Bob Bruninga, WB4APR, will be traveling here from Glen Burnie, Maryland to  
>present DosAPRS. Keith Sproul, WU2Z, and Mark Sproul, KB2ICI, will be  
>joining with us to present MacAPRS and WinAPRS. Steve Demise, K4HG, has  
>also promised to come and give us a talk on the Internet version, JavaAPRS.

ARRRG...That's Dimse, not Demise...In residency they called me Dr.

Demise...but that's another story...

Also, it's javAPRS instead of JavaAPRS...a guy gets pretty touchy about the name of his baby...and Bob prefers APRSdos.

No matter what you call it, I'm sure looking forward to this!

Steve K4HG

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Date: Sun, 8 Dec 1996 10:02:19 -0500  
From: "Jacques C. VOISIN" <jvoisin@nebula.ispace.com>  
To: <aprssig@tapr.org>  
Subject: APRS Manual  
Message-ID: <199612081502.KAA13841@nebula.ispace.com>

I am actually working on a printed manual for APRS. This manual is actually 120 pages with table of content, schematics, drawings and an index for any subject you need to find. The manual was made using the readme files supplied by Bob, WB4APR and should be available by the end of December. Will have copies at HAMCATION 97, the Orlando hamfest. The cost will be around \$15.00 plus shipping and handling. If you are interested send E-Mail to sender directly.

Jacques Voisin, KD4TWB

-----

Date: Sun, 8 Dec 96 12:34 EST  
From: wa4ikq@nevets.oau.org (Geoffrey Dick)  
To: aprs-fl@tapr.org, aprssig@tapr.org, sdimse@bridge.net  
Cc: kd4jqr@aol.com, stevez@cycat.com  
Subject: SPELLING TEST & READING COMPREHENSION  
Message-ID: <m0vWn7A-000QdhC@nevets.oau.org>

On Sunday, 8 Dec 1996 07:41:36 -0600 (CST) Steve Dimse wrote:  
> Subject: [APRSSIG:7053] Re: [APRS-FL:726]  
1997 Orlando HamCation & Computer Show

The following was a reading comprehension and spelling test:

> >To begin with, our APRS short forums will be from the experts.  
> >Bob Bruninga, WB4APR, will be traveling here from Glen Burnie, Maryland  
to  
> >present DosAPRS. Keith Sproul, WU2Z, and Mark Sproul, KB2ICI, will be  
> >joining with us to present MacAPRS and WinAPRS. Steve Demise, K4HG, has  
> >also promised to come and give us a talk on the Internet version,  
JavaAPRS.  
>  
> ARRRG...That's Dimse, not Demise...In residency they called me Dr.  
> Demise...but that's another story...

I didn't hear that story yet; now we all know. -) Don't worry, you were  
the only person to notice it and write about it. Now we all know. hi hi

Nobody, but us, noticed the big misspelling of Bob's name in the ad that  
appeared in the AES Catalog a month ago.

> Also, it's javAPRS instead of JavaAPRS...a guy gets pretty touchy about  
> the name of his baby...and Bob prefers APRSdos.

Blame it on the Sproul Brothers. They have chosen a pattern of naming their  
program in a most understandable way, I simply followed suit and was caught  
up in the trap at 1am in the morning when everything was quiet in our house-  
hold. I should have known better to not to write this after spending  
Saturday with our club applying labels to 36,000 flyers.

> No matter what you call it, I'm sure looking forward to this!  
>  
> Steve K4HG

I am glad to hear this. For us the work is just beginning, and we have  
more flyers to distribute.

Geoffrey Dick, WA4IKQ  
Forums Chairman,  
1997 Orlando HamCation and Computer Show  
wa4ikq@nevets.oau.org

-----

Date: Sun, 8 Dec 1996 12:53:17 -0500 (EST)

From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Resetting TNC  
Message-ID: <Pine.GS0.3.95.961208125150.8743A-100000@arctic>

On Sat, 7 Dec 1996, James Kerns wrote:

> Bob how do you reset TNC am I dumb???

APRSDos REPLY/COMMENT: Most have the command RESET or RESTORE or something similar. RESET is like a new POWER on, RESTORE re-configures the TNC to factory defaults. Also removing the internal backup battery will work too.

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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End of APRSSIG Digest 795

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From aprssig@tapr.org Mon Dec 09 11:43:12 1996  
Received: from tapr.org by n7rig.ampr.org (JNOS1.10h) with SMTP  
id AA1712 ; Mon, 09 Dec 96 11:15:46 UTC  
Received: from tapr.org (localhost [127.0.0.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id NAA29511; Mon, 9 Dec 1996 13:04:36 -0600  
(CST)  
Date: Mon, 9 Dec 1996 13:04:36 -0600 (CST)  
Message-Id: <199612091904.NAA29511@tapr.org>  
Reply-To: aprssig@tapr.org  
Originator: aprssig@tapr.org  
Sender: aprssig@tapr.org  
Precedence: bulk  
From: aprssig@tapr.org  
To: aprssig@tapr.org  
Subject: [APRSSIG:7081] APRSSIG digest 796  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group

APRSSIG Digest 796



Topics covered in this issue include:

- 1) Update on GPS-20 Purchase  
by "Greg Jones, WD5IVD" <wd5ivdatapr.org>
- 2) Re: APRS Manual  
by "Jay K. Jeffries" <bottmgun@emi.net>
- 3) read the not-so-fine print!!  
by Bob Derderian <n2iph@cyberenet.net>
- 4) Re: Resetting TNC  
by schiers@ames.net
- 5) 100k maps from USGS ftp  
by Al Zelna <ldajz@epix.net>
- 6) (Revised) 100k maps from USGS ftp  
by "Al Zelna, N3KAE" <ldajz@epix.net>
- 7) Re: APRS Manual  
by bgrantha@orednet.org (bob g. grantham)
- 8) Re: KPC3 - Tripmate  
by "John Kozak" <jkozak@erols.com>
- 9) A few MIC-E Beta Spots Open  
by "Greg Jones, WD5IVD" <wd5ivdatapr.org>
- 10) Re: Resetting TNC  
by "Gary Wells" <gwells@nbn.net>
- 11) Re: A few MIC-E Beta Spots Open  
by Jim Duncan <ku0g@sprynet.com>
- 12) Re: A few MIC-E Beta Spots Open  
by rwf <rwf@mindspring.com>
- 13) Ol'e reliable trackers  
by Bob Bruninga <bruninga@nadn.navy.mil>
- 14) Re: A few MIC-E Beta Spots Open  
by Jim Duncan <ku0g@sprynet.com>
- 15) Re: KPC3 - Tripmate  
by "Eric A. Cottrell" <eac@shore.net>
- 16) Delorme Tripmate FAQ uploaded  
by "Eric A. Cottrell" <eac@shore.net>
- 17) Re: A few MIC-E Beta Spots Open  
by Tommie Taylor <tomcmugs@n-link.com>
- 18) Re: KPC3 - Tripmate  
by jkozak@erols.com (John W. Kozak)
- 19) Re: KPC3 - Tripmate  
by Demos Doulou <ddoulou@gte.net>
- 20) Re: Resetting TNC  
by schiers@ames.net
- 21) W10N-3 Digi

by Tom Kinahan <kinahan@cassatt.Mass-USR.COM>  
22) AEA APRS cabel w/ KPC-3  
by ko6xs@ko6xs.ampr.org  
23) Re: KPC3 - Tripmate  
by "Eric A. Cottrell" <eac@shore.net>  
24) Re: Resetting TNC  
by Clifford Buttschardt <cbuttsch@slonet.org>  
25) Mic-E Repeater TNC for muting  
by Bob Bruninga <bruninga@nadn.navy.mil>

-----  
Date: Sun, 8 Dec 1996 13:15:41 -0600  
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
To: "APRS SIG list mailing" <aprssig@tapr.org>,  
Subject: Update on GPS-20 Purchase  
Message-ID: <v03007803aed0c2ddecd6a[208.134.134.42]>

For those on the current TAPR GPS-20 group purchase.

TAPR currently has 50 units on order. 75 are required to place the order for 100 units with Garmin.

Full details:  
<http://www.tapr.org/gps/index.html>

-----  
Tucson Amateur Packet Radio  
8987-309 E Tanque Verde Rd #337 \* Tucson, Az \* 85749-9399 \* 817-383-0000  
-----  
e-mail: TAPR@TAPR.ORG ftp: ftp.tapr.org web: <http://www.tapr.org/tapr>  
-----

-----  
Greg Jones, WD5IVD  
Austin, Texas  
wd5ivd@tapr.org  
<http://www.tapr.org/~wd5ivd>  
-----

-----  
Date: Sun, 8 Dec 1996 14:56:14 -0500  
From: "Jay K. Jeffries" <bottmgun@emi.net>  
To: <aprssig@tapr.org>  
Subject: Re: APRS Manual  
Message-ID: <199612082103.QAA20376@florenc.emi.net>

Jacques,  
I am interested in a copy of the manual, please let me know the final cost. Thank you.

Respectfully,  
Jay K. Jeffries  
Technology Evangelist

"Heavier-than-air flying machines are impossible"  
-- Lord Kelvin, president Royal Society, 1895

-----  
> From: Jacques C. VOISIN <jvoisin@nebula.ispace.com>  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:7054] APRS Manual  
> Date: Sunday, December 08, 1996 10:06 AM  
>  
> I am actually working on a printed manual for APRS. This manual is actually  
> 120 pages with table of content, schematics, drawings and an index for any  
> subject you need to find. The manual was made using the readme files  
> supplied by Bob, WB4APR and should be available by the end of December.  
> Will have copies at HAMCATION 97, the Orlando hamfest. The cost will be  
> around \$15.00 plus shipping and handling. If you are interested send E-Mail  
> to sender directly.  
> Jacques Voisin, KD4TWB

-----  
Date: Sun, 08 Dec 1996 15:26:24 -0500  
From: Bob Derderian <n2iph@cyberenet.net>  
To: APRS dicussion group <aprssig@tapr.org>  
Subject: read the not-so-fine print!!  
Message-ID: <32AB2470.3F5A@cyberenet.net>

> around \$15.00 plus shipping and handling. If you are interested  
send E-Mail  
> to sender directly.  
> Jacques Voisin, KD4TWB

Notice how it says to e-mail DIRECTLY ? That doesn't mean directly to  
the SIG, it means DIRECTLY to the originator of the msg, so the rest of  
us do not have to wade through mountains of mail meant for one person.

Hopefully the balance of the responders will not make the same error.

climbing down off my soapbox now...73

Bob, n2iph@cyberenet.net

-----  
Date: Sun, 08 Dec 96 14:45:31 -0600  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: Resetting TNC  
Message-ID: <199612082045.0AA00395@brain.ames.net>

In <Pine.GS0.3.95.961208125150.8743A-100000@arctic>, on 12/08/96 at 12:04  
PM,

Bob Bruninga <bruninga@nadn.navy.mil> said:

>APRSDOS REPLY/COMMENT: Most have the command RESET or RESTORE or  
>something similar. RESET is like a new POWER on, RESTORE re-configures  
>the TNC to factory defaults. Also removing the internal backup battery  
>will work too.

There is also the RESTART command, which will restart the tnc with current  
set (but not yet in force) values as defaults.

hasan schiers, N0AN

-----  
schiers@ames.net  
-----

-----  
Date: Sun, 08 Dec 1996 21:14:51 -0800  
From: Al Zelna <ldajz@epix.net>  
To: aprssig@tapr.org  
Subject: 100k maps from USGS ftp  
Message-ID: <32ABA04B.4EE4@epix.net>

It may have been mentioned here before, but can the 100k map info available from <ftp://edcftp.cr.usgs.gov/PUB/DATA/DLG> be used for generating APRS maps? (I realize the 2,000,000:1 files are usable for 32 mile maps).

Any limitations in trying to use this "free" method before I Santa for the CD-ROM????

73 de N3KAE

-----  
Date: Sun, 08 Dec 1996 21:37:04 -0800  
From: "Al Zelna, N3KAE" <ldajz@epix.net>  
To: aprssig@tapr.org  
Subject: (Revised) 100k maps from USGS ftp  
Message-ID: <32ABA580.28ED@epix.net>

Sorry... I had the wrong HTML for the USGS in the previous message

It may have been mentioned here before, but can the 100k map info available from <ftp://edcftp.cr.usgs.gov/pub/data/DLG/100K> be used for generating APRS maps? (I realize the 2,000,000:1 files are usable for 32 mile maps).

Any limitations in trying to use this "free" method before I Santa for the CD-ROM????

73 de N3KAE

-----

Date: Sun, 8 Dec 1996 14:55:05 -0800  
From: bgrantha@orednet.org (bob g. grantham)  
To: aprssig@tapr.org  
Subject: Re: APRS Manual  
Message-ID: <199612082255.AA20138@ednet1.orednet.org>

Please put me on your list for a manual.  
Advise cost and shipping via e-mail.  
thank you inadvance  
Bob G.  
bgrantha@orednet.org

--  
Bob Grantham  
In down-town Waldport, Or.

-----

Date: Sun, 8 Dec 1996 18:29:25 -0500  
From: "John Kozak" <jkozak@erols.com>  
To: <aprssig@tapr.org>  
Subject: Re: KPC3 - Tripmate  
Message-ID: <199612082329.SAA25187@smtp1.erols.com>

-----

> From: Demos Doulou <ddoulou@gte.net>  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:7033] Re: KPC3 - Tripmate

> Date: Friday, December 06, 1996 10:46 PM  
>  
> Well I did it. You need to install r48 in the KPC3 to force the DTR line  
> high so the tripmate will turn on. Then set gpsint to ASTRAL. Connect  
> the two with a NULL modem cable and your set. Now if I can just find  
> out why the tripmate has stopped sending GGA strings.  
>  
> Demos KR4US  
> ddoulou@amsat.org  
>

The reason that you lost the GGA strings is that by just using ASTRAL as the init string, the GPS only sends the \$GPRMC and \$PRWIZCH strings.

I built an interface box this weekend that:

- 1) uses a 5 volt regulator to feed pin 9 (ran all weekend on just under 5 volts)
- 2) Switches 5 volts to pin 4 (this turns on the GPS)
- 3) Switches pins 2 & 3 together so GPS inits itself (this produces the above mentioned two string output).

I was going to install the regulator in the GPS but decided to keep the extra heat out of it. I also installed two blocking diodes from the batteries and the 5 volt supply so that the batteries will keep the unit powered up while I move it from one vehicle to another and then the 5 volt regulator takes over. I haven't hooked it to the KPC3 yet.

John Kozak; N3AGG  
jkozak@aerols.com

-----

Date: Sun, 8 Dec 1996 17:39:11 -0600  
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
To: "TAPR APRS SIG" <aprssig@tapr.org>,  
Subject: A few MIC-E Beta Spots Open  
Message-ID: <v0300780daed0ff1f193fa[208.134.134.42]>

TAPR has room for a few additional beta-testers in the MIC-E beta test.

Submit an application using the MIC-E Beta Application, which can be found on:

<http://www.tapr.org/tapr/html/mic-e.html>

TAPR is only taking applications until Wed Dec 11th (5pm).

Anyone wanting to participate in these beta slots will have to pay with the TAPR office by Visa/Mc \*\*\*once notified of being accepted\*\*\* by Friday (Dec 13th).

Do not call the TAPR office about the Beta spots until notified.

We will send out messages to everyone who submits an application by Thursday.

-----  
Tucson Amateur Packet Radio  
8987-309 E Tanque Verde Rd #337 \* Tucson, Az \* 85749-9399 \* 817-383-0000  
-----  
e-mail: TAPR@TAPR.ORG ftp: ftp.tapr.org web: <http://www.tapr.org/tapr>  
-----

-----  
Date: Sun, 8 Dec 1996 18:35:48 -0500  
From: "Gary Wells" <gwells@nbn.net>  
To: <aprssig@tapr.org>  
Subject: Re: Resetting TNC  
Message-ID: <199612082336.SAA30661@mail.nbn.net>

-----  
> From: schiers@ames.net  
> To: aprssig@tapr.org  
> Subject: [APRSSIG:7060] Re: Resetting TNC  
> Date: Sunday, December 08, 1996 15:51 PM



>  
> In <Pine.GS0.3.95.961208125150.8743A-100000@arctic>, on 12/08/96 at 12:04  
> PM,  
> Bob Bruninga <bruninga@nadn.navy.mil> said:  
>  
> >APRSdos REPLY/COMMENT: Most have the command RESET or RESTORE or  
> >something similar. RESET is like a new POWER on, RESTORE re-configures  
> >the TNC to factory defaults. Also removing the internal backup battery  
> >will work too.  
>  
> There is also the RESTART command, which will restart the tnc with  
current  
> set (but not yet in force) values as defaults.  
>  
> hasan schiers, NOAN  
> -----  
> schiers@ames.net  
>  
My PK-232MBX hangs up so often that I installed a small switch on the  
front, in series with the backup battery. It allows reset if all else  
fails, without taking the cover off (with the main power off, of course).  
When you turn it back on, you will need to type several \*s to set the  
auto-baud with the computer.  
Gary Wells, N3HCP

-----  
Date: Sun, 8 Dec 1996 17:34:27 -0800  
From: Jim Duncan <ku0g@sprynet.com>  
To: aprssig@tapr.org  
Cc: kb0uzq@kcaprs.org  
Subject: Re: A few MIC-E Beta Spots Open  
Message-ID: <199612090134.RAA29040@m1.sprynet.com>

Greg....

Just a note about the status of things here in Kansas City. As you are  
already aware, Bill Young, KB0UZQ, is dropping out of amateur radio for a  
time and will not be participating in the beta test team here. He is also  
the treasurer (having resigned) of the KCAWG and we are in the middle of  
trying to get the money out of Bill's account and into ours at this time.

Nothing funny going on, so please don't read anything into this message!

Our Board of Directors has asked Bill to draw a money order for payment of the two remaining units which we are designated to receive (\$190.00). That payment is supposed to be mailed to Dorothy Monday morning. I will advise you of the status of the payment tomorrow by EMail.

My NDA went out in the mail earlier this week and should be in the TAPR office in the next couple of days barring an avalanche of Christmas cards and packages inundating Phoenix! <snicker>

I have not had any success with accessing the FTP site for MIC-E information. Would you send along the instruction for access once again?

Thanks and  
73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

-----

Date: Sun, 08 Dec 1996 21:14:35 -0500  
From: rwf <rwfamindspring.com>  
To: aprssig@tapr.org  
Subject: Re: A few MIC-E Beta Spots Open  
Message-ID: <3.0.32.19961208211431.006ba33c@mindspring.com>

At 07:40 PM 12/8/96 -0600, you wrote:

>Greg....

>

>Just a note about the status of things here in Kansas City.

Bill- While you are wtiting to Greg, why not prod him to PLEASE change the list to not default replies to itself. Then your message would not have gone to all of us.

;-) Ralph

-----  
Date: Sun, 8 Dec 1996 23:21:32 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Ol'e reliable trackers  
Message-ID: <Pine.GS0.3.95.961208230914.20927A-100000@arctic>

DUring the Army/Navy football run this year, the kids wanted to have HF, MARS, and UHF SATCOM in addition to APRS for the chase vehicle. What they overlooked is the amount of effort involved, hi hi.... I built an aluminum plate which matched the mounting holes of the glove box lid hinges and mounted ALL of the non-APRS radios to that. Just four screws and everything was installed with a single cable going to clip leads on the battery. Total installation time about 30 minutes with antennas....

The purpose of this note is to brag a little about my APRS bread pans. These are just upside down baking pans with the GPS, TNC, and radio all inside. We just duct tape them to the roof, tape a cable down the windshield to the battery and you're on the air (as a stand-alone) or flip a switch and run a second cable through a window to a laptop and you have full APRS... The cable from the tracker to the computer also includes 12 volt power for the laptop, so there are no cigarette lighter cords.

It's not pretty, but it's quick.. Just thought you'd be interested... hi hi

P.S these are the same ole' ones we used in 93. If I had to do it over, I would put 10-25 watt mobile rigs inside instead of 1 watt HT's... But I still think this is the best design for rapid reaction installations. Probably not the best for your personal tracker, but a good idea for club and special event trackers...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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Date: Sun, 8 Dec 1996 19:49:31 -0800  
From: Jim Duncan <ku0g@sprynet.com>  
To: aprssig@tapr.org  
Subject: Re: A few MIC-E Beta Spots Open  
Message-ID: <199612090349.TAA27635@ml.sprynet.com>

Sorry about sending the personal to Greg via the SIG. I'm a little delirious tonight with the flu! SHAME ON ME!!!

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

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Date: Sun, 08 Dec 1996 21:33:23 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: jkozak@erols.com  
Subject: Re: KPC3 - Tripmate  
Message-ID: <850098803-0-eac@shore.net>

>The reason that you lost the GGA strings is that by just using ASTRAL  
>as the init string, the GPS only sends the \$GPRMC and \$PRWIZCH strings.

According to my NMEA logs the GPS will not send the GGA strings on a cold start (no init string) until it locks onto a satellite and gets a valid ephemeris.

73 Eric eac@shore.net

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Date: Sun, 08 Dec 1996 21:45:32 -0400  
From: "Eric A. Cottrell" <eac@shore.net>  
To: amsat-bb@amsat.org, Bitbucket@primenet.com, aprssig@tapr.org  
Subject: Delorme Tripmate FAQ uploaded  
Message-ID: <850099532-0-eac@shore.net>

Hello,

I uploaded a FAQ file on the Delorme Tripmate to Peter Bennett's FTP site at:

ftp://sundae.triumf.ca/pub/peter/index.html

It is invisible in the incoming directory, but should be posted within a few days.

73 Eric eac@shore.net WB1HBU

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Date: Mon, 09 Dec 1996 05:09:11 -0800  
From: Tommie Taylor <tomcmugs@n-link.com>  
To: aprssig@tapr.org  
Subject: Re: A few MIC-E Beta Spots Open  
Message-ID: <32AC0F77.56BE@n-link.com>

Jim Duncan wrote:

>  
> Sorry about sending the personal to Greg via the SIG. I'm a little  
> delirious tonight with the flu! SHAME ON ME!!!  
>  
> 73 de Jim, KU0G  
> Chairman/Coordinator  
> Kansas City APRS Working Group  
> EMail: ku0g@kcaprs.com  
> EMail: ku0g@sprynet.com

Jim, Hope you get better.. I had it for 2 weeks and just now getting over it..

Tommy KC5UJH

--

A1 CUSTOM MUGS, 13 Dana Dr., Lampasas Tx 76550-1113  
WE PRINT DIGITIZED COLOR PHOTOS ON COFFEE MUGS.... CHECK US OUT :)  
<http://www.web2.com/cmugs/>  
Internet: tomcmugs@n-link.com / tomcmugs@juno.com  
Phone: (512) 556-4691 This is also a FAX Request line

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Date: Mon, 9 Dec 1996 09:02:38 -0500 (EST)  
From: jkozak@aerols.com (John W. Kozak)  
To: aprssig@tapr.org

Subject: Re: KPC3 - Tripmate

Message-ID: <199612091402.JAA25665@smtp1.erols.com>

>>The reason that you lost the GGA strings is that by just using ASTRAL  
>>as the init string, the GPS only sends the \$GPRMC and \$PRWIZCH strings.

>

>According to my NMEA logs the GPS will not send the GGA strings on a  
>cold start (no init string) until it locks onto a satellite and gets a  
>valid

>ephemeris.

>

>73 Eric eac@shore.net

I realized my mistake right after I sent that message. I had the GPS sitting on the windowsill and hadn't let it run long enough to lock on any birds. However I noticed that, when INIT'ed with the Tripmate.exe program, the GPS starts sending more than the two cold start strings back immediately. Obviously that program is telling the GPS more than ASTRAL.

Anyway thanks for the info..

John Kozak: N3AGG

jkozak@erols.com

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Date: Mon, 09 Dec 1996 09:32:26 -0500

From: Demos Doulou <ddoulou@gte.net>

To: aprssig@tapr.org

Subject: Re: KPC3 - Tripmate

Message-ID: <32AC22FA.1B2B@gte.net>

Eric A. Cottrell wrote:

>

> >The reason that you lost the GGA strings is that by just using ASTRAL  
> >as the init string, the GPS only sends the \$GPRMC and \$PRWIZCH strings.

>

> According to my NMEA logs the GPS will not send the GGA strings on a  
> cold start (no init string) until it locks onto a satellite and gets a  
> valid

> ephemeris.

>

> 73 Eric eac@shore.net

Yup, all I had to do was wait a few minutes and it started sending the GGA strings.

73

Demos KR4US

kr4us@amsat.org

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Date: Mon, 09 Dec 96 08:52:47 -0600  
From: schiers@ames.net  
To: aprssig@tapr.org  
Subject: Re: Resetting TNC  
Message-ID: <199612091451.IAA01719@brain.ames.net>

In <199612082336.SAA30661@mail.nbn.net>, on 12/08/96 at 05:46 PM,  
"Gary Wells" <gwells@nbn.net> said:

>My PK-232MBX hangs up so often that I installed a small switch on the  
>front, in series with the backup battery. It allows reset if all else  
>fails, without taking the cover off (with the main power off, of  
>course). When you turn it back on, you will need to type several \*s to  
>set the auto-baud with the computer.

I have the very same thing installed in mine for the same reason. It just disconnects the battery backup, so the 232 can get unhung.

hasan schiers, NOAN--

-----  
schiers@ames.net  
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Date: Mon, 09 Dec 1996 10:05:48 -0500  
From: Tom Kinahan <kinahan@cassatt.Mass-USR.COM>  
To: aprssig@tapr.org





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Date: Mon, 9 Dec 1996 13:06:08 -0500 (EST)  
From: "Eric A. Cottrell" <eac@shore.net>  
To: aprssig@tapr.org  
Subject: Re: KPC3 - Tripmate  
Message-ID: <199612091806.NAA12385@northshore.shore.net>

Hello,

SA 4.0 sends the time/date and last position to the unit after the ASTRAL. On a cold start without this init string the Tripmate does not have the correct time. After it receives a satellite and gets it's ephemeris it then has the correct time so it starts outputting the other strings. Before the receiver has a real position a lot of the fields are blank. Note that the position valid field in RMC is set to invalid, but it still outputs a position.

73 Eric eac@shore.net WB1HBU

-----  
Date: Mon, 9 Dec 1996 10:22:32 -0800 (PST)  
From: Clifford Buttschardt <cbuttsch@slonet.org>  
To: schiers@ames.net  
Subject: Re: Resetting TNC  
Message-ID: <Pine.GS0.3.95.961209101827.12128E-100000@oso.slonet.org>

Interesting comment regarding the disconnect switch on the PK 232. In my case I used the switch formerly used to reverse mark/space on U011! Now that AEA seems unable to provide chips for APRS would you suggest what might be done to use the PK232 without the AEA provided chip? Of course on 10.151 MHz no mods are required but what can be done on VHF? Cliff Buttschardt K7RR  
On Mon, 9 Dec 1996 schiers@ames.net wrote:

> In <199612082336.SAA30661@mail.nbn.net>, on 12/08/96 at 05:46 PM,  
> "Gary Wells" <gwells@nbn.net> said:  
>  
> >My PK-232MBX hangs up so often that I installed a small switch on the

> >front, in series with the backup battery. It allows reset if all else  
> >fails, with out taking the cover off (with the main power off, of  
> >course). When you turn it back on, you will need to type several \*s th  
> >set the auto-baud with the computer.  
>  
> I have the very same thing installed in mine for the same reason. It just  
> disconnects the battery backup, so the 232 can get unhung.  
>  
> hasan schiers, NOAN--  
> -----  
> schiers@ames.net  
> -----  
>  
>

-----  
Date: Mon, 9 Dec 1996 13:50:57 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
To: aprssig@tapr.org  
Subject: Mic-E Repeater TNC for muting  
Message-ID: <Pine.GS0.3.95.961209132947.7202D-100000@arctic>

Remember last week that the guys in Charlottesville, VA discovered that  
the internal software DCD of the KPC-3 cannot be used for repeater  
muting at the same time as the external XCD signal for CSMA on the  
digital channel.

This means you can have packet MUTING on the voice repeater (using  
software CD) \*OR\* CSMA collision avoidance on the APRS packet channel  
using the XCD signal....

BUT NOT BOTH AT THE SAME TIME..

Even if Kantronics had allowed the XCD and software CD to both be active,  
this wont work either because you would be MUTING voice syllables whenever  
there were ANY packets on the APRS channel!!

This makes the standard PacComm Tiny-2 TNC with the add on True-DCD  
state machine still the best solution. There are 2 reasons for this:

1) both the True DCD and radio-squelch external input are active at the

same time..

- 2) the output of the True-DCD circuit is INDEPENDENTLY available for voice repeater muting independent of what is going on via the radio-squelch circuit on the APRS packet channel.

I assume that a series diode may be needed to provide this muting output independent of the squelch external input. Can someone who has the experience with these state machine true DCD circuits publish the details needed to accomplish this objective.. I have never seen one...

P.S. Y0u have heard me say that the muting is not so important... well, after listening to 12 hours of the Mic-E being used for the Army/Navy football run, I agree, it gets tiring! Of course, this was worst case scenario since we had the path set to RELAY,WIDE,WIDE whcih DOUBLED the length of the packets... Also the deviation was too high.. which further added to the insult..

Reply mail addr: [wb4apr@amsat.org](mailto:wb4apr@amsat.org)

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

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End of APRSSIG Digest 796

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